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ANNUAL REPORT

OF

THE MINES BRANCH

OF THE

PROVINCE OF ALBERTA

1920



EDMONTON:
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1921

EDMONTON, FEBRUARY 18, 1921.

TO THE HONORABLE J. L. COTE,

Provincial Secretary.

SIR,—I have the honour to submit herewith the report of the Mines Branch of the Department of the Provincial Secretary for the year 1920, together with tables of statistics.

Respectfully submitted,

JOHN T. STIRLING,

Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR
ENDING DECEMBER 31, 1920.

An amendment was made to The Mines Act, at the 1920 Session of the Legislature, with respect to the payment of wages. This amendment, which became effective on May 17, 1920, provides that all wages earned by any person or persons employed in or about a mine from the first day to the fifteenth day of each month, both days inclusive, shall be paid on the last Saturday of the same month, and all wages earned from the sixteenth day to the last day of each month, both days inclusive, shall be paid on the first Saturday after the ninth day of the following month.

The explosive known as Miner's Friend No. 9 was admitted to the permitted list of Explosives on January 30, 1920, and the explosive known as Dynobel No. 4 was added on April 7, 1920.

The composition of these explosives is as follows:

MINER'S FRIEND, No. 9.

Ingredients	Parts by Weight	
	Not more than	Not less than
Ammonium Nitrate	61	58
Nitro-glycerine	13	11
Sodium Chloride	20.5	18.5
Woodmeal (dried at 100 C.)	8.5	7
Moisture	2.5	..

DYNOBEL NUMBER 4.

Ingredients	Parts by Weight	
	Not more than	Not less than
Nitro-glycerine	16	14
Nitro-cotton	0.75	0.25
Tri-nitro-toluol, Di-nitro-toluol, Di-nitro-benzol (together)	4	2
Nitrate of Ammonium	47	44
Woodmeal (dried at 100 C.)	6	4
Chloride of Sodium	31	28
Carbonate of magnesium	1	..
Moisture	2	..

The explosive known as Dynobel Number 2 was taken off the permitted list of explosives on April 7, 1920.

During the year, 29 persons met with fatal accidents, as compared with 21 during the year 1919. Of these fatal accidents, 4 occurred above ground and 25 below ground. Nine persons were seriously injured above

ground, and 44 below ground, while 9 persons were slightly injured above ground and 29 below ground.

In addition to the inspections which have been made from time to time of the different mines by the District Inspectors, all fatal and serious accidents have been investigated, and all inquests attended.

Several samples of mine air were taken throughout the year by the District Inspectors as well as tests made by them with approved gas detectors.

With reference to lamps, 2,297 lamps of the Wolfe type, 3,154 electrical portable lamps of the Edison type, 35 of the Ceag type, 500 of the Wico type, and 71 of the Canadian General Electric type are in use. This shows an increase of 803 portable electric lamps in use over those used during the year 1919.

Training in connection with Mine Rescue and First Aid Work has been carried on satisfactorily during the year, there being six stations and three mine rescue cars at present in operation. On July 1 and 2, 1920, competitions in Mine Rescue and First Aid Work were held under the auspices of the Rocky Mountain Branch of the Canadian Institute of Mining and Metallurgy, at Drumheller. Full particulars of these competitions are given in the report of the Superintendent of Mine Rescue Work, which will be found in the annual report of The Workmen's Compensation Board for the year 1920. All Mine Rescue and First Aid Work is now being administered by The Workmen's Compensation Board.

There were 288 coal mines, 1 copper ore and 3 shale mines in operation during the year, 38 of which were opened, 12 re-opened, and 17 abandoned. In addition to those abandoned, 45 mines were temporarily closed.

Information was laid in 14 cases for contraventions of the provisions of The Mines Act, and 14 convictions obtained.

The number of persons employed during the month of December, 1920, was 12,347, being an increase of 320 over the number employed during the month of December, 1919.

The question of the marketing of Alberta coal has been receiving considerable attention. Mr. Howard Stutchbury was appointed Trade Commissioner, with headquarters at Edmonton, on May 15, 1920, and Mr. M. L. Hyde, with headquarters at Winnipeg, was appointed Combustion Engineer on August 30, 1920.

The production during the year 1901, for the whole of the North-West Territories, was 346,649 tons, while in 1920 it was 6,908,923 tons for Alberta alone. The amount of coal produced during the year 1919 was 5,022,412 tons, so that during the year 1920 there was an increase of 1,886,511 tons.

Notwithstanding this increased production, there is still a considerable amount of coal being imported from the United States into territory which should be supplied entirely with Canadian coal. It is estimated that the possible market for Alberta coal in the provinces of Manitoba, Saskatchewan and Alberta is approximately 9,000,000 tons per year. In

addition to this a considerable market is being developed in British Columbia and in the United States immediately south of the International Boundary.

There were 13,911 tons shipped into the province of Ontario during the year, and it is expected that a large increase will take place in the near future in the amount of coal shipped into this province.

During the month of November, 1920, 803,745 tons of coal were produced, which means that the mines in operation are capable of producing over 9,000,000 tons per year with the present labor, development, equipment, and plant. It will, therefore, be seen that we are in a position to produce over 2,000,000 tons per year more than we are at present finding a market for.

The question of the preparation and screening of coal requires greater attention than it has had in the past. A large number of complaints have been received from consumers and unfortunately these complaints have in a number of instances been justified. While more care should be exercised by the miner at the working face as to the condition in which he loads his coal into the mine car, this does not relieve the mine operator of the responsibility of seeing that all coal is shipped in as satisfactory a condition as possible.

Experiments are being carried on at the University of Alberta for the purpose of ascertaining what would be a proper classification for Alberta coal, and the best methods of storage and screening. A report in connection with this work will be found by referring to the First Annual Report of the Advisory Council of Scientific and Industrial Research of Alberta.

During the year 1920, 6,371,266 tons of coal produced in Alberta were sold, for which an expenditure of \$19,301,065.09 was made, making a total cost for labor alone throughout the province of \$3.03 per ton.

Of the total amount of coal produced in Canada during the year ending December 31, 1920, Alberta produced 40.7 per cent.

On April 29, 1920, an Order-in-Council was passed transferring the control of The Mines Branch from the Minister of Public Works to the Provincial Secretary.

I herewith attach reports from Mr. Stutchbury and Mr. Hyde with reference to marketing of Alberta coal.

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EDMONTON, FEBRUARY 12, 1921.

SIR,—On my appointment to the position of Trade Commissioner for the Province of Alberta on May 15, 1920, I was instructed to make a study and survey of the possibilities for extending the market of Alberta coal, more particularly in the Province of Manitoba. I immediately proceeded to Winnipeg, and discussed the matter with the Fuel Dealers, Board of Trade, Citizens' League, City and Government officials, and others, for the purpose of ascertaining why so large a tonnage of American coal was purchased by the consumers of coal in Winnipeg and Manitoba.

I found in many quarters a very strong prejudice against western coal among both domestic and steam users. This prejudice was very largely caused through an entire lack of knowledge of the various qualities of coal obtainable in Alberta, and more particularly through lack of proper knowledge of combustion.

Quite a number of people whom I met were of the opinion that all Alberta coal was very low grade lignite, not capable of generating steam, and exceedingly dangerous for household use.

Many people who had used our coal during 1918 when under Federal Fuel Regulations (which made it compulsory to purchase one ton of western coal with each ton of American coal) and not having knowledge of the proper methods of combustion, found Alberta coal unsatisfactory, and reverted to American coal in 1919, when it was again made available.

It was, therefore, deemed advisable to enter into a carefully planned and vigorous campaign of advertising, drawing the attention of the people of Manitoba and Saskatchewan to the enormous coal resources of Alberta, and also to their high combustion qualities. In addition, the consumer was urged to purchase coal during the summer, so as to relieve congestion on the railways during the grain hauling season.

The Citizen's League, Fuel Dealers, and other public bodies in Winnipeg gave their very heartiest support to this campaign, which has resulted in not only breaking down prejudice which was heretofore existing, but also increasing the tonnage into that market very materially.

It is interesting just here to compare the figures of 1917, 1918, 1919, and 1920, of shipments into Manitoba from this field.

In 1917 the tonnage (railway coal not included) 249,872

In 1918 the tonnage (railway coal not included) . . . 511,168

(During 1918 the Federal Government Fuel Controller ordered that the people of Manitoba must purchase one ton of western coal for every ton of American coal they desired.)

1919 314,290 tons

(The compulsory order was off during this year and no educational campaign had been carried on.)

1920 600,962 tons

(This was not on a forced market but is the result of educational campaign and shows a satisfactory increase.)

It quite early developed while in Winnipeg that there was not a complete understanding between the fuel dealers and the coal operators of this Province, and a convention of the dealers of the three western provinces was called to meet with the operators for a full and frank discussion of the coal trade and its possibilities for development. The convention was held in the City of Calgary on August 19 and 20, and was most successful, a very representative gathering of both dealers and operators. The discussion was very free, frank, and entirely harmonious, and I believe the meeting resulted in the establishment of a much more complete understanding between the fuel-dealers and the operators.

Both dealers and operators expressed their appreciation of the Government for what it was trying to do, and this expression was moved by Mr. L. E. Drummond, of Edmonton, in the following resolution:

"This Convention of coal-dealers of the three western provinces, meeting with the Alberta operators, wish to place on record its appreciation of the Alberta Government and the Hon. J. L. Cote, Minister in charge of the Mines Branch, for the calling of this convention and for their efforts in extending the market for Alberta coal; also for the research programme which is now being conducted on western coal."

Mr. Whiteside, President of the Western Coal Operators' Association, in seconding the resolution, stated that while the operations of the Government were comparatively recent, the results so far obtained had been beyond their expectations, and agreed with Mr. King of Winnipeg (a previous speaker) that actual demonstration, coupled with newspaper advertising, would do a great deal to overcome the prejudice in the minds of Manitoba consumers.

Mr. M. L. Hyde was appointed as Resident Combustion Engineer, in Winnipeg, during the month of August, and his services were placed by the Government at the disposal of both the Fuel-dealers' Association and the consuming public. Mr. Hyde, since that time, has been very active in attending to various calls that have been made on him, and has visited and worked with a very large number of the Plant Engineers, and established a personal contact between the Engineers and the Government such as would not have been possible in any other circumstance.

About October 1 a Fuel Demonstration Plant was opened at 277 Smith Street, right in the heart of the business district. Public demonstrations are held daily, demonstrating proper methods of firing Alberta coal. These demonstrations have been very popular and largely attended, and very much good has resulted.

For the further direct education of the consumer, there have been published and distributed a bulletin on combustion and three illustrated cards for domestic coal-users and janitors, giving simple and explicit instructions as to the proper methods of burning Alberta coals. Enquiries for this literature have been received from all parts of Canada, and even from the Border States.

During the month of September, exhaustive tests were made in the Central Heating Plant of the Manitoba Government. These tests were in competition with Youghigheny coal from Pennsylvania. The results were very highly satisfactory for Alberta coal. Copy of the economic results is attached.

After the tests were completed, a meeting of the Chief Operating Engineers of Winnipeg was called. This meeting was held in the Fort Garry Hotel, and 103 Engineers were present. Addresses were given by the visiting Engineers from Alberta, and a round table conference ensued. The interest was such that the meeting lasted until almost midnight, and gave the Government, through the Trade Commissioner, a very fine opportunity of personally discussing the various problems with the men who are directly responsible for the purchase of coal.

Many enquiries have been received this year from Ontario and Quebec relative to the shipping of Alberta coal to far east points, but so far the freight rates have been prohibitive for this field. It is interesting to note, however, that there have been shipped into Ontario almost 14,000 tons since June. There is no doubt that a very large market east of the Great Lakes would be developed for our higher grade coals if a reasonable freight rate could be secured.

The policy of this Department has been to develop, as far as possible, geographic markets, and to that end a study was made of the possibilities for shipping coal into British Columbia.

In a recent trip to Prince Rupert it was found that a very large tonnage could be developed along the line between Edson and Prince Rupert and the coast plants, both mining and fishing, off the coast from Prince Rupert.

A conference was held with Mr. A. E. Warren, General Manager of the Canadian National Railways, with a view to having bunkering facilities placed at Prince Rupert, and a promise from him was received that such would be done.

The matter of special freight rates for coast points is now under advisement.

The development of the industry this year has more than proven the importance of an educational and publicity campaign as the following figures will show:

The production of coal for 1919 was 5,022,412 tons and for 1920, 6,908,923 tons; which is an increase over 1919 of 1,886,511 tons.

Respectfully submitted,

HOWARD STUTCHBURY,

Trade Commissioner.

ECONOMIC RESULTS of Boiler tests made at Manitoba Government Central Heating Plant, Winnipeg, September, 1920. Under direction Trade Department, Mines Branch, Government of Alberta.

ENGINEER IN CHARGE—

E. H. Oliver, Chief Engineer, Alberta Government plants.

ASSISTING—

Jas. R. McCall, Superintendent Power Plants, City of Calgary.

C. R. Robb, Professor Mechanical Engineering, University of Alberta.

G. R. Pratt, Combustion Engineer, Canadian Pacific Railway.

H. Stutchbury, Trade Commissioner.

ASSISTING FOR GOVERNMENT OF MANITOBA—

T. M. Power, Chief Engineer, Central Power House.

Duncan Reid, First Engineer.

F. H. Weakley, Shift Engineer.

Type of Boilers—B. and W. Water Tube.

Method of Firing—B. and W. Chain Grate Stoker (standard).

Builders' Rating—250 h.p.

Kind of Coal	Cost per 1000 lbs. evaporation from and at 212%	H.P. Developed per hour	Percentage of Builders' Rating
1. Lethbridge, spiralized pea	\$0.660	365	142
2. Nut slack, Newcastle	0.756	247	98.9
3. Hillcrest, slack	0.859	288	115
4. Youghigheny, slack	0.874	269	108
5. Greenhill, slack	0.890	282	113
6. Saunders Creek, slack	0.910	312	125
7. Mountain Park, slack	0.934	257	103
8. Pembina, nut and pea	1.066	187	74.6

WINNIPEG, FEBRUARY 14, 1921.

Sir,—This report is respectfully submitted as a resume of the activities of The Mines Branch of the Province of Alberta in its efforts to secure a permanent hold on the Manitoba Steam and Domestic Coal markets. In it the writer has endeavored to give such information and data as will enable the Alberta Government and the Alberta Coal Operators to join forces along the most efficient lines; with a view of holding the very favorable tonnage they are now supplying Manitoba.

Appreciating the opening offered Canadian coals due to the American fuel shortage and prevailing high prices, the Province of Alberta started a preliminary advertising campaign as early as 1917. Results were so gratifying that in the spring of 1920 educational as well as advertising work was undertaken. In August of that year, the writer was appointed to act as Combustion Engineer, with headquarters at Winnipeg. His instructions were to work through and in harmony with the Winnipeg Retail Coal Dealers' Association, and to educate both the domestic and steam coal-buyer in the use of Alberta coals.

THE DOMESTIC COAL SITUATION.

Up to as recent a date as 1917, Manitoba had used practically no domestic fuel other than Anthracite, Coke, and a very inconsiderable amount of Souris coal.

In order that the difficulties encountered in winning this market for our domestic coals may be better appreciated, it will be of interest to know just what this competition represented.

American Anthracite, or hard coal, as sold in Winnipeg, averages 12 per cent. ash. It burns slowly, in a glowing mass of great heat and without flame or smoke. While hard to ignite, it holds fire over long periods, is dustless, and has practically no breakage in handling. It will hold fire for a given length of time in a smaller fire-pot than can be used for any other type of fuel, and the majority of the earlier types of house-heaters were designed and rated for its use.

The coke sold in Winnipeg comes from gas retorts operated by the Winnipeg Electric Railway Company, and is made from American Youghieny Gas Coal. It carries about 10 per cent. ash, and has very much the same burning characteristics as Anthracite, except that a larger fire pot is required, owing to its bulkiness. About 60,000 tons are imported each year for coking.

Souris is a low grade lignite, mined in southern Saskatchewan. It is sold on a price basis only, and offers no serious competition.

Hand-firing Alberta coal calls for an entirely different process from that used with anthracite or coke. In order to educate the public in the shortest possible period of time, a demonstration room was opened in October, in the heart of the shopping district. Five representative types of heaters were installed, with a practical demonstrator on the floor to fire them. Bins, with samples of all representative domestic coals, and signs, giving their relative values, were also put in. A strong advertising campaign is used to keep up public interest, and excellent results were obtained. Each visitor is given a practical lesson in firing his particular type of furnace, also a card of instructions to be hung in his basement.

Winnipeg dealers are unanimous in their praise of the work accomplished by this demonstration. If maintained, there is small doubt but that our domestic coals will hold a good portion of the Winnipeg market permanently.

Western Domestic Coal Operators are to be congratulated on the hearty co-operation they have rendered the Province by their exercise of care in shipping only their best prepared products into this market.

THE STEAM COAL SITUATION.

Prior to the spring of 1920, Winnipeg had not used our steam coals to any extent. Most heating and power plants were designed for American smokeless coals, either anthracite or Pocahontas, though a great deal of Youghigheny, New River, and Miller's Creek was in demand.

It is even more essential that the difficulties encountered in the steam market be appreciated. Here we deal with experts familiar with coal values, who must be satisfied as to grading, heat units, and ash content of all coals they contract for—the same as the railroads. In giving Manitoba part of their output, the mines had to ship exactly the same grades the railroads were taking—they could not possibly change their equipment to make a special commercial coal—nor did they have the labor to do so, had the equipment been available.

In criticising Western coals, it must be remembered the operators, in most cases, gave Winnipeg the best they could; but their best, during these abnormal times, was in no way representative of what they could offer under normal conditions, and the consumer made his comparisons on pre-war American as against Western coals mined under severe difficulties.

The writer feels that there is a strong brief to be held for the Western operator; he did his level best, except in a few instances where some salesmen took gross advantage of Winnipeg dealers.

In Winnipeg are established branches for several large American coal operations. These are owned by American capital, and Alberta can expect no co-operation from them. One company, the largest in Winnipeg, and owned by Americans, stocked heavily coals from the Yellowhead district and sold them as representative bituminous of the highest grade, under the trade name of Western Star. They showed on analysis, 19.71 per cent. ash and represent a poor sub-bituminous, entirely unsuited for the Winnipeg steam market. The public, when they complained, were advised this coal was a typical sample, and asked to bear with it until American coals returned. The writer, immediately he discovered the means this concern was taking to damage Western coals, took every step to enlighten the public direct, and most of the damage intended was averted.

Such practices have been used greatly to the detriment of our good name, and they must be stopped at all costs.

Before going further, competitive coals and their preparation should be understood. The Manitoba market has always proven a good outlet for American coals when the home market was slack. By means of docks at the head of the Lakes a haven was offered to mines which would otherwise have had to shut down. The large operators therefore equipped

their own docks at Duluth, Superior, Toledo, and such points with the most modern coal handling machinery known; stocked only their finest low ash coals, and sold them in Manitoba through their own organizations. They backed their coal with guarantees and the highest technical services.

YOUGHIGHENY

The Pittsburg Coal Company offers Winnipeg two different grades of this coal. The straight gas from the thin veins near Pittsburg (this runs under 1 per cent sulphur and is used by the Winnipeg Electric Railway in its gas house retorts) and steam coal from its mines in the Panhandle district. The latter is too high in sulphur for gas making, and is sold only for steam purposes.

All these coals are shipped from the mines over a $\frac{3}{4}$ -inch screen. While very hard, and able to resist severe treatment, from 35 to 40 per cent. breakage occurs by the time they are in storage at the dock. Here the coal is all rescreened over either $\frac{3}{4}$ -inch or $1\frac{1}{4}$ -inch screens, to suit purchaser.

POCAHONTAS.

This is a semi-bituminous coal, known to the trade as smokeless, and comes from West Virginia. Pocahontas is shipped from the mine as Run of Mine, but, owing to its friable nature, contains at least 75 per cent. screenings by the time it reaches storage at the dock.

Large quantities of New River Coal from the White Oak Coal Company also reaches the Manitoba market.

Other American coals are Miller's Creek, or No. 8, and Elkhorn.

As soon as navigation opens in the spring, all the above will be put on the docks in large tonnages—there is no question about this. We also know that the approximate cost F.O.B. Winnipeg will be as follows:

Youghigheny, F.O.B. mine, minimum	\$ 3.00
Freight, mine to Lake Erie	1.91
Freight, across Lakes to Canadian docks .....	.60
	<hr/>
	5.51
American exchange, 20 per cent.	1.38
	<hr/>
Cost in Canadian currency	6.89
Duty .....	.53
Handling at dock .....	.75
Freight, dock to Winnipeg	3.30
	<hr/>
Cost to Winnipeg dealer	\$11.47

NOTE: Pocahontas may be estimated at \$2.50 more than Youghigheny owing to additional freight charges, and increased price F.O.B. Mine.

These prices cover Run of Mine. The duty on slack is 14 cents in place of 53 as given above.

With this information, and the expectation of a system of grading, our course for next year's campaign is fairly clear. Out of the \$11.47 total cost, \$7.87 covers transportation, against \$5.30 for Western Steam coal—a differential in their favor of \$2.57. While American operators

are insistent that legislation be enacted introducing the seasonal freight rate plan, an as incentive to summer storage, if this were done we should surely expect proportional rates here.

Our mine price will have to be on a B.T.U. basis of commercial coal graded to compete with Youghigheny. Run of Mine coal must carry all the clean lump that comes from the mine, must be free of cap rock, not over 15 per cent. ash, and of a coarseness that 40 per cent. will pass over a $\frac{1}{2}$ -inch screen.

By loading coal only from sections of the mine known to be of standard quality and hardness, and by careful picking on the surface, these requirements can be fully met.

Other points Western Operators should take into consideration:

(1) Overcoming prejudices now in existence, due to treatment of the public during past year.

This can be done only by proper guarantees as to quality, and grading F.O.B. Winnipeg.

Removing ash from Winnipeg plants costs \$2.50 per load of about two tons. This represents $12\frac{1}{2}$ cents on every ton of coal purchased for each 10% variation in ash, not taking into account the additional labor in the boiler room, nor the \$5.30 per ton freight, plus dealers' fixed charges. This is a serious factor, and the operators should appreciate it.

(2) Selling on consignment, or on a special summer price with the payments falling due in November and December.

(3) Selling on a scale of discounts according to tonnage.

At present the purchaser of one car gets exactly the same price as the man buying one hundred.

In his work towards winning next year's market the writer has received invitations to conduct tests at the steam plant of T. Eaton & Company, representative heating plants of the School Board, Oldfield Kirby and Gardner, and the General Hospital, and the Gas Plant of the Winnipeg Electric Railway Company. The combined tonnages of these purchasers is close to 100,000 and results obtained in their plants receive the broadest mention.

Special cards of instructions for burning steam coals under different types of boilers have been distributed to all plants, and weekly lectures given to different groups of firemen in the plants of the larger employers. Articles on Western coals are being furnished such magazines as reach buyers throughout the Prairie Provinces, and in every way at his command the writer is endeavoring to win as large a portion of the Manitoba market for Alberta coals as possible.

The work as planned for 1921 contemplates carrying on the present educational campaign with steam coal purchasers and their employees; a close follow-up of all architects and building contractors, with the object of using every influence towards obtaining the installation of suitable furnaces for western coals in all new buildings and in all overhauling of present plants; a watch on all dealers during contract placing season, to the end that every influence may be exerted towards getting

them to buy as heavily from Alberta as possible; a personal check on shipments of Western coals, including destination, analysis and quality of grading (this will enable the Province to protect the buyer in all cases where operators are not shipping suitable coals); competitive boiler trials against American coals.

In order that first-hand information might be available as to just what co-operation the Province could expect from the Steam Coal Operators, the writer made a personal visit to all the mines in the Crow's Nest Pass. Assurance was given by both the operating and sales department of all these mines, also Mountain Park and Cadomin, that they would use every means in their power towards carrying out the program outlined.

A joint meeting, to be held the middle part of February, 1921, in Winnipeg, between operators and dealers was arranged and the operators have all **promised** to attend. At this meeting the dealers will be given first-hand information as to what difficulties, both labor and natural, Western coals have to contend with; and operators will be brought in direct touch with the competitive conditions they must meet. The results of such a conference should lead to harmony on both sides; if it does, the campaign is certain of success.

The Demonstration Room should be kept on.

The following figures are of interest in showing the tonnages used on the Manitoba market:

	1919	1920
Alberta Domestic	270,467	456,404
Alberta Steam	42,547	143,202
Alberta Anthracite	1,276	1,356
	<hr/> 314,290	<hr/> 600,962
American Anthracite	383,737	255,000x
American Steam	401,958	235,000x
American Smithing	11,406	10,000x
	<hr/> 797,101	<hr/> 500,000x
TOTALS	<hr/> 1,111,391	<hr/> 1,100,962

NOTE: Figures marked "x" are rough estimates only. Figures on American shipment cover coals entering Canada via the docks at Fort William, Westfort, and Port Arthur; and do not include railroad coals.

Yours truly,

M. L. HYDE,

Combustion Engineer.

MINERAL PRODUCTION IN ALBERTA.

Product	1916		1917		1918		1919		1920	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Gold (ozs.)	82	\$ 1,695	.....	\$ .....	27	\$ 558	24	\$ 500	.....	\$ .....
Coal (tons)	4,559,054	11,386,577	4,736,368	14,153,685	5,972,816	20,537,287	4,964,535	18,294,495	6,908,923	30,330,172
Natural Gas (M. cu. ft.)	6,904,231	1,113,296	6,744,130	1,299,976	6,318,389	1,358,638	8,230,838	1,365,127	5,743,652	1,186,490
Petroleum (bbls.)	.....	.....	8,500	63,302	13,040	100,004	16,437	97,841	11,718	75,295
Cement (bbls.)	275,727	477,832	259,423	567,969	200,401	528,672	.....	.....	.....	.....
Clay Products	.....	255,140	.....	309,991	.....	381,074	.....	571,949	.....	821,430
Lime (bus.)	78,019	20,033	104,540	35,516	80,408	44,141	109,067	41,276	.....	.....
Sand-lime Brick (No. 1)	697,500	5,571	1,547,590	15,703	600,000	6,600	729,000	10,206	.....	.....
Stone	.....	257	.....	7,482	.....	569	.....	3,189	.....	.....
Other Products	.....	67,142	.....	73,911	.....	152,444	.....	702,999	.....	1,491,217
	.....	\$13,297,543	.....	\$16,527,535	.....	\$23,109,987	.....	\$21,087,582	.....	\$33,904,604

The total value of the mineral production of Canada for the year ending December 31, 1920, was \$217,775,080.

The figures contained in this table were compiled from information obtained from the Department of Mines, Ottawa.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA.

The following table is taken from a report issued by the Department of Mines, Ottawa, for the year 1919:

Calendar Year	Canadian		Imported		Total	Per Capita
	Short Tons	%	Short Tons	%		
1886	1,595,950	45.9	1,884,161	54.1	3,480,111	0.758
1887	1,848,365	45.7	2,192,260	54.3	4,040,625	0.871
1888	2,013,925	37.8	3,314,353	62.2	5,328,278	1.137
1889	1,992,988	44.4	2,490,931	55.6	4,483,919	0.946
1890	2,360,196	47.8	2,581,187	52.2	4,941,383	1.031
1891	2,606,490	46.7	2,980,222	53.3	5,586,712	1.153
1892	2,464,012	44.4	3,083,429	55.6	5,546,441	1.133
1893	2,823,187	47.6	3,110,462	52.4	5,933,649	1.198
1894	2,743,376	48.5	2,917,818	51.5	5,661,194	1.130
1895	2,467,109	45.7	2,933,752	54.3	5,400,861	1.066
1896	2,639,055	45.1	3,206,456	54.9	5,845,511	1.140
1897	2,799,977	47.3	3,124,485	52.7	5,924,462	1.143
1898	3,023,079	48.0	3,274,981	52.0	6,298,060	1.200
1899	3,631,882	47.0	4,092,361	53.0	7,724,243	1.454
1900	3,989,542	47.8	4,361,563	52.2	8,351,105	1.561
1901	4,912,664	50.5	4,810,213	49.5	9,722,877	1.810
1902	5,376,413	51.0	5,165,938	49.0	10,542,351	1.927
1903	6,005,735	52.2	5,491,870	47.8	11,507,605	2.055
1904	6,697,183	49.2	6,989,651	50.8	13,606,834	2.346
1905	7,032,661	48.9	7,343,880	51.1	14,376,541	2.362
1906	7,927,560	51.7	7,398,906	48.3	15,326,466	2.425
1907	8,617,352	45.0	10,549,503	55.0	19,166,855	2.947
1908	9,156,478	47.3	10,195,424	52.7	19,351,902	2.820
1909	8,913,376	47.9	9,711,826	52.1	18,625,202	2.682
1910	10,532,103	50.2	10,438,123	49.8	20,970,226	2.960
1911	8,822,749	40.5	14,424,949	59.5	24,247,698	3.384
1912	12,385,696	46.0	14,549,104	54.0	26,934,800	3.596
1913	13,450,158	42.6	18,132,387	57.4	31,582,545	4.071
1914	12,214,403	45.5	14,637,920	54.5	26,852,323	3.325
1915	11,500,480	48.1	12,406,212	51.9	23,906,692	3.015
1916	12,348,036	41.3	17,517,820	58.7	29,865,856	3.669
1917	12,313,603	37.2	20,810,132	62.8	33,123,735	3.962
1918	13,160,731	37.8	21,611,101	62.2	34,771,832	4.047
1919	11,611,168	40.2	17,251,849	59.8	28,863,017	3.266

The following tables, which show the quantities in tons of Coal entered for consumption for each month during the year 1920, through ports in the Provinces of Manitoba, Saskatchewan, and Alberta, and including the Ports of Fort Frances, Fort William, and Port Arthur, have been compiled from information received from the Commissioner of Customs at Ottawa.

BITUMINOUS SLACK.

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Ft. William	Port Arthur	Total	Total Dominion
January	2,188	...	...	1,106	...	...	3,294	117,512
February	2,618	...	...	885	...	...	3,503	104,890
March	4,062	...	...	2,215	...	...	6,577	139,247
April	1,896	...	...	398	...	...	2,294	120,226
May	557	...	...	400	...	484	1,441	136,030
June	389	...	...	1,792	...	...	2,181	180,587
July	982	...	37	208	...	2,625	3,852	228,560
August	2,814	...	...	454	19,698	...	22,966	271,719
September	1,113	...	30	539	7,694	3,422	12,798	240,449
October	310	...	91	1,865	14,402	3,871	20,539	253,248
November	1,180	...	101	714	28,146	503	30,644	272,209
December	1,837	...	...	712	7,854	...	10,403	202,010
Total	19,946	...	259	11,588	77,794	10,405	120,492	2,266,687

BITUMINOUS.

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Ft. William	Port Arthur	Total	Total Dominion
January	4,480	52	42	7,493	.....	.....	12,067	412,270
February	5,357	43	74	9,968	.....	57	15,499	465,376
March	1,701	3	31	29,768	.....	101	168,394	853,346
April	2,548	33	53	12,264	.....	.....	14,898	590,995
May	2,833	.....	.....	5,219	7,031	697	15,780	559,010
June	410	.....	.....	116	6,187	23,442	30,155	921,113
July	954	.....	.....	4,574	83,350	60,441	149,319	1,493,807
August	1,153	54	32	5,273	211,064	155,168	372,744	1,761,382
September	1,299	301	43	3,898	125,655	97,085	228,281	1,547,006
October	1,009	2	33	6,401	162,577	138,700	308,722	1,715,099
November	976	38	.....	8,049	385,465	60,539	465,067	1,776,147
December	881	9	40	7,346	185,796	24,735	218,807	1,540,294
Total	23,601	535	348	100,369	1,313,915	560,965	1,999,733	13,635,945

ANTHRACITE.

Months	Manitoba	Saskatchewan	Alberta	Fort Frances	Ft. William	Port Arthur	Total	Total Dominion
January	1,805	.....	.....	1,167	22,349	43	25,364	359,427
February	1,043	.....	.....	944	.....	.....	1,986	294,903
March	88	.....	.....	.....	.....	.....	888	440,222
April	.....	.....	.....	526	.....	.....	526	263,077
May	.....	.....	.....	.....	.....	.....	.....	338,321
June	1,197	.....	.....	.....	21,517	17,660	40,374	472,157
July	2,813	.....	.....	.....	18,753	.....	21,566	561,981
August	3,355	.....	.....	.....	62,206	12,913	78,474	596,555
September	1,392	.....	.....	.....	20,300	.....	21,692	371,626
October	2,243	.....	.....	.....	30,226	18,601	51,378	419,224
November	1,911	29	279	.....	40,824	12,965	55,987	419,266
December	1,663	39	238	10	10,301	7,024	19,126	376,205
	.....	138	.....	.....	.....	.....	.....	.....
Total	17,509	206	517	2,647	226,476	69,206	316,561	4,912,964

TOTAL IMPORTATIONS.

	Manitoba	Saskatchewan	Alberta	Fort Frances	Ft. William	Port Arthur	Total	Total Dominion
Bituminous Slack	19,946	.....	259	11,588	77,794	10,905	120,492	2,266,687
Bituminous	23,601	535	347	100,369	1,313,915	560,965	1,999,733	13,635,945
Anthracite	17,509	206	517	2,647	226,476	99,206	316,561	4,912,964
Total	61,056	741	1,124	114,604	1,618,185	641,076	2,436,786	20,815,596

The following tables give particulars with reference to the coal-mining industry in the Province of Alberta, for the year ending December 31, 1920:

SUMMARY OF STATISTICS.

Number of short tons of coal produced	6,908,923
Number of short tons of <u>briquettes</u> produced	101,693
Number of short tons of coke produced .....	.....
Number of short tons of shale produced for making bricks	24,599
Number of coal mines in operation during the year	288
Number of copper-ore mines in operation	1
Number of shale mines in operation	3
Number of mines opened	38
Number of mines re-opened	12
Number of mines abandoned	17
Number of mines closed, but not abandoned	45
Number of coal mines in operation at December 31, 1920	226
Average number of persons employed above ground	3,137
Average number of persons employed below ground	6,551
Number of separate accidents causing loss of life	29
Number of deaths caused by accidents above ground	4
Number of deaths caused by accidents below ground	25
Number of serious accidents above ground	9
Number of serious accidents below ground	44
Number of slight accidents above ground	9
Number of slight accidents below ground	29
Number of persons prosecuted under The Mines Act	14
Number of provisional overmans' certificates issued during 1920	191
Number of Third Class Certificates issued during 1920	75
Number of Second Class Certificates issued during 1920	25
Number of First Class Certificates issued during 1920	3
Number of Mine Surveyors' Certificates issued during 1920	7
Number of Mine Rescue Certificates issued during 1920	188
Total Number of Third Class Certificates issued to December 31, 1920..	663
Total Number of Second Class Certificates issued to December 31, 1920..	314
Total Number of First Class Certificates issued to December 31, 1920..	199
Total number of Mine Surveyors' Certificates issued to December 31, 1920	152
Total Number of Mine Rescue Certificates issued to December 31, 1920..	743

In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons For N. W. T. (Alberta and Saskatchewan)	Output in tons Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	811,228
1906	1,385,000
1907	1,834,745
1908	1,845,000
1909	2,174,329
1910	3,036,757
1911	1,694,564
1912	3,446,349
1913	4,306,346
1914	3,821,739
1915	3,434,891
1916	4,648,604
1917	4,863,414
1918	6,148,620
1919	5,022,412
1920	6,908,923

Classification of outputs during the years 1901 to 1920, inclusive.

Year	Domestic	Domestic & Bituminous	Bituminous	Anthracite	Coal Used in Coke Production	Briquettes	Coke
*1901	.....	331,907	.....	14,742	.....	.....	.....
*1902	.....	494,087	.....	16,587	.....	.....	.....
*1903	.....	617,754	.....	5,185	.....	.....	.....
*1904	.....	759,568	.....	23,363	.....	.....	.....
*1905	.....	972,686	.....	43,653	71,292	.....	46,640
1906	602,780	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	1,011,571	249,095	128,397	36,261	75,657
1909	763,673	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	1,896,961	261,785	196,249	108,996	121,578
1911	964,700	.....	649,745	80,119	61,591	48,200	35,984
1912	1,341,389	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	1,953,367	170,971	44,249	109,082	29,058
1915	1,682,922	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	3,419,021	130,594	.....	101,693	.....

*Includes outputs from Alberta and Saskatchewan.

During the year 1909, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911, a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919, a strike affecting all the larger mines in the Province lasted for a period of three months.

The following table shows the outputs of the different districts for the years 1919 and 1920:

Districts	1919			1920		
	Domestic	Bituminous	Anthracite	Domestic	Bituminous	Anthracite
Crow's Nest Pass. ....	.....	1,187,966	.....	.....	1,775,529	2.5
Pincher Creek ...	4,845	.....	.....	5,575	.....	.....
Lethbridge	597,540	.....	.....	850,662	.....	1.5
Magrath	1,816	.....	.....	1,827	.....	.....
Milk River	6,463	.....	.....	6,230	.....	.....
Taber	108,210	.....	.....	133,627	.....	.....
Bow Island	7,334	.....	.....	6,456	.....	.....
Medicine Hat	22,546	.....	.....	14,816	.....	.....
Aldersyde	8,091	.....	.....	8,339	.....	.....
High River	449	.....	.....	1,834	.....	.....
Canmore .....	.....	201,891	.....	.....	275,511	6.5
Banff .....	.....	.....	85,616	.....	.....	130,594
Drumheller	804,930	.....	.....	1,210,687	.....	.....
Big Valley	34,334	.....	.....	52,349	.....	17
Brazeau .....	.....	308,990	.....	.....	453,875	.....
Brooks	8,072	.....	.....	13,856	.....	.....
Hanna	25,792	.....	.....	29,643	.....	.....
Lacombe	15,675	.....	.....	14,515	.....	.....
Trochu	24,198	.....	.....	20,218	.....	.....
Three Hills	26,192	.....	.....	32,327	.....	.....
Carbon	4,335	.....	.....	8,564	.....	.....
Battle River	13,705	.....	.....	13,509	.....	.....
Camrose	86,582	.....	.....	72,567	.....	.....
Tofield	94,549	.....	.....	53,226	.....	.....
Clover Bar	295,154	.....	.....	343,396	.....	.....
Edmonton	91,596	.....	.....	97,133	.....	6
Namoo	10,501	.....	.....	16,807	.....	.....
Cardiff	176,021	.....	.....	175,102	.....	.....
Wabamun	32,174	.....	.....	29,751	.....	.....
Pembina	109,905	.....	.....	146,810	.....	.....
Jasper Park .....	.....	143,521	.....	.....	235,584	.....
Yellowhead Pass ..	.....	209,043	.....	.....	437,093	12
Mountain Park ..	.....	274,376	.....	.....	241,429	.....
Peace River .....	.....	.....	.....	82	.....	.....
Total	2,611,009	2,325,787	85,616	3,359,308	3,419,021	130,594

The following table indicates how the total outputs of COAL and BRIQUETTES were disposed of:

	Sold for Consumption in								Used		Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output for year including put to stock and lifted from waste but not stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Railroad	Total Sales	Making Briquettes	Under Colliery Boilers				
Domestic	1,370,595	54,116	1,134,280	456,404	13,281	30	37,893	.....	3,066,599	.....	211,488	81,412	18,436	4,283	3,359,308
Bitum'ous	266,255	69,675	171,209	143,202	630	..	115,415	2,506,507	3,272,863	.....	137,997	10,295	13,015	212	3,419,021
Anthracite	10,382	5,059	4,657	1,356	.....	..	302	10,048	31,804	93,228	30,308	14,627	40,929	....	130,594
Total	1,647,202	128,850	1,310,146	600,962	13,911	30	153,610	2,516,555	6,371,266	93,228	378,893	106,334	72,380	4,495	6,908,923
Briquettes	81,606	2,706	10,897	6,484	72,453	101,693	35	361	101,922

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THE MINES BRANCH

The following table indicates how the total output of DOMESTIC Coal for the Province was disposed of.

Name of District	Sold for Consumption in						Used Under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output for Year including put to stock and lifted from waste but not stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total Sales				
Pincher Creek	5,825							5,825				5,825
Lethbridge	217,364	19,732	396,360	84,985	887		25,298	744,626	83,617	12,805	109	850,662
Magrath	1,819							1,819				1,827
Milk River	6,052						199	6,251			31	6,230
Taber	18,088	4,981	51,146	14,392	2,381		11,342	102,330	18,850	1,590	1,648	133,027
Bow Island	6,196							6,196				6,456
Medicine Hat	5,826						117	14,023	162	20	126	14,816
Aldersyde	8,088							8,088	5			8,339
High River	1,794							1,794			30	1,834
Drumheller	276,251	13,549	548,537	288,432	9,586	30	937	1,131,786	46,231	3,725	1,328	1,210,687
Big Valley	23,087		23,978	4,522	64			51,651	450			52,349
Brooks	13,853							13,853	6			13,856
Hanna	26,776							28,130	568	501	902	29,643
Lacombe	14,398							14,465				14,515
Trochu	14,910		599	2,259				17,768	920	428	43	20,218
Three Hills	18,172		540	9,161				27,873	3,084	685	592	32,327
Carbon	7,919							7,919				8,564
Battle River	12,859							12,859		20	38	13,509
Camrose	47,856							68,444	1,896			72,567
Tofield	34,794							52,076	870			53,226
Clover Bar	278,699	1,380	26,455	9,601	40			316,175	24,699			343,396
Edmonton	84,827		1,653	925				87,405	9,227	366	300	97,133
Namoo	13,945		1,405	96	61			15,507	512	13	40	16,807
Cardiff	146,239	298		2,575				163,459	10,497			175,102
Wahamun	18,569		5,511	1,976				27,812	1,939			29,751
Pembina	66,507	12,420	21,205	32,853				133,182	7,905			146,810
Peace River	82				198			82			2,203	82
Total	1,370,595	54,116	1,134,280	456,404	13,281	30	37,893	3,006,599	211,488	22,528	18,436	3,359,308

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of:

District	Sold for Consumption in:							Making Briquettes	Under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output for year including put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatch- ewan	Manitoba	Ontario	United States	Railroad							
Crow's Nest Pass	131,836	42,229	105,886	101,438	530	115,415	1,200,886	1,698,220	73,918	4,140	5,136	5,707	178	1,775,529
Canmore	15,710	1,886	9,119	1,238	...	...	231,799	259,752	15,689	2,425	...	2,355	...	275,511
Brazeau	36,635	2,573	15,669	12,896	...	...	379,433	444,576	9,287	4,681	90	4,759	...	453,875
Jasper Park	7,691	5,816	...	...	100	...	203,500	219,647	12,298	...	3,649	...	10	235,584
Yellowhead	70,771	15,722	11,231	13,954	...	...	309,676	421,354	13,790	747	1,420	194	24	437,093
Mountain Park	3,582	1,449	29,304	13,766	...	...	181,213	229,314	12,115	...	...	...	...	241,429
Total	266,225	69,675	171,209	143,202	630	115,415	2,506,507	3,272,863	137,097	11,993	10,295	13,015	212	3,419,021

The following table indicates how the total outputs of ANTHRACITE and BRIQUETTES were disposed of:

District	Sold for Consumption in:				Making Briquettes	Under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output for year including put to stock and waste but not lifted from stock or waste.				
	Alberta	British Columbia	Saskatch- ewan	Manitoba											
Anthracite	10,382	5,059	4,657	1,356	...	...	...	...	...	...	130,594
Briquettes	81,606	2,706	10,897	6,484	...	302	10,048	...	93,228	30,308	1,556	14,627	40,929	...	101,922

The following tables give particulars of work done at the Shale Mines in the Province:
OUTPUT OF SHALE IN TONS OF 2000 LBS., USED FOR MAKING BRICKS, 24,599 TONS

AVERAGE NUMBER OF DAYS WORKED.											
District	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov. Dec. Total
Medicine Hat	20.00	10.66	19.33	25.00	26.00	26.00	19.00	26.00	25.00	18.00	19.50 26.00 86.83

NUMBER OF MEN EMPLOYED IN SHALE MINES.											
District	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov. Dec. Total
Medicine Hat	40	28	40	42	36	30	38	33	32	30	22 14 385

Mine Timber Used (lineal feet)	.....	13,956	Shots Fired: Fuse		.....	9,095
Explosives Used: Dynamite (lbs.)	.....	7,325	Miss Fires: Fuse		.....	2

BRICKS (IN TONS OF 2,000 LBS.) SOLD FOR USE IN:			
Alberta	British Columbia	Saskatchewan	Manitoba Total
7,485	1,020	5,955	1,211 15,701

COPPER ORE MINE			
Number of men employed	Days worked	Explosives used in Rock	Shots fired with fuse
18	68	Dynamite 225 lbs.	250 Mine timber used 400 feet

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The following table indicates how the total output of BITUMINOUS Coal was disposed of by months during 1920:

Months	Sold for Consumption in							Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output in-cludes put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Railroads	Total Sales					
January	20,553	7,630	26,030	2,846	...	20,020	202,622	279,701	603	934	627	...	292,746
February	16,717	3,971	8,046	3,717	...	11,452	241,374	285,277	822	1,500	1,052	24	297,520
March	25,167	3,744	14,616	2,019	...	3,691	184,625	233,862	595	1,337	3,094	10	243,946
April	23,791	3,056	6,851	4,371	...	4,041	139,810	181,920	2,719	941	615	...	195,468
May	18,274	4,549	13,444	10,533	230	8,773	185,498	241,301	772	551	592	178	253,149
June	19,402	5,348	10,238	13,455	...	9,142	218,516	276,101	493	487	1,914	...	283,937
July	20,774	5,304	13,138	20,174	194	8,378	202,851	271,353	1,320	605	493	...	285,933
August	26,480	6,225	24,583	22,108	106	9,817	194,993	284,312	1,655	596	455	...	297,437
September	30,484	6,997	18,654	21,333	100	12,245	195,582	285,395	310	711	956	...	296,774
October	19,496	7,195	13,198	16,788	...	10,882	212,679	280,238	741	737	687	...	292,416
November	12,924	9,102	12,973	12,375	...	7,672	271,346	326,392	1,263	945	775	...	339,955
December	14,163	6,554	9,438	12,943	...	9,302	274,611	327,011	700	951	1,755	...	339,690
Total	248,225	69,675	171,209	143,202	630	115,415	2,524,507	3,272,863	11,993	10,295	13,015	212	3,419,021

The following table indicates how the total output of ANTHRACITE Coal was disposed of by months during 1920:

Months	Sold for Consumption in							Used Making Briguettes	Used Under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Total Output in- cludes put to stock and waste but not lifted from stock or waste.
	Alberta	British Columbia	Saskatch- ewan	Manitoba	United States	Total Railroads	Total Sales						
January	1,183	826	614	...	...	452	3,077	7,378	3,562	...	1,700	3,571	12,146
February ...	720	415	414	30	45	895	2,519	6,954	3,142	...	1,295	3,119	10,791
March	739	203	86	77	...	2,360	3,495	7,614	3,501	479	1,672	2,831	13,930
April	879	508	399	125	...	946	2,857	6,206	2,482	...	1,391	1,541	11,395
May	609	527	317	202	36	833	2,524	7,759	2,486	173	1,434	2,958	11,418
June	436	291	335	124	...	1,345	2,631	8,124	2,233	...	1,236	2,938	11,286
July	491	231	423	325	60	824	2,354	8,029	2,009	...	1,018	3,280	10,130
August	927	314	651	74	30	798	2,794	8,256	2,362	56	1,130	3,351	11,247
September ..	985	319	496	106	29	438	2,373	7,709	1,693	...	757	4,349	8,183
October	1,191	417	151	98	30	357	2,244	8,228	2,030	549	875	4,622	9,304
November ...	1,323	448	312	68	72	234	2,457	8,062	2,039	...	976	4,008	9,526
December ...	769	558	459	127	...	566	2,479	8,909	2,769	299	1,143	4,361	11,238
Total ..	10,382	5,050	4,657	1,356	302	10,048	31,804	93,228	30,308	1,556	14,827	40,929	130,594

THE MINES BRANCH

The following table shows the total output of DOMESTIC Coal in Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	891	611	525	136	30	88	236	97	635	492	1,083	751	5,575
Lethbridge	92,949	65,113	62,920	60,547	57,407	68,850	64,598	52,580	67,997	64,371	90,971	102,359	850,662
Magrath	290	111	144	81	43	159	111	208	172	122	244	232	1,827
Milk River	733	590	528	262	175	228	130	227	385	619	1,265	1,029	6,230
Taber	21,426	3,028	4,130	3,892	5,203	8,705	9,738	10,479	12,580	15,359	22,959	15,529	133,627
Bow Island	511	525	461	308	194	280	232	141	579	1,174	1,412	639	6,456
Medicine Hat	2,624	925	206	308	114	61	398	925	1,334	1,884	4,360	1,677	14,816
Aldersyde	640	597	621	423	240	458	324	450	665	1,118	1,616	1,187	8,339
High River	239	264	46	37	15	13	20	206	186	92	362	354	1,834
Drumheller	149,615	56,618	52,255	42,411	48,963	89,530	95,962	125,258	134,645	78,095	185,130	152,205	1,210,687
Big Valley	4,952	4,446	2,432	308	111	290	3,211	5,218	6,366	7,932	8,376	8,707	52,349
Brooks	1,508	1,521	553	374	310	598	333	465	1,154	1,853	2,920	2,267	13,556
Hanna	4,807	3,467	2,577	1,094	561	1,087	529	1,248	2,187	3,733	5,128	3,225	29,643
Lacombe	2,457	2,074	1,419	607	283	279	223	258	767	1,377	2,735	2,036	14,515
Trochu	3,018	2,037	1,385	702	498	538	642	592	1,073	1,348	4,453	3,932	20,218
Three Hills	5,617	2,902	1,932	996	848	568	1,198	1,812	3,349	3,846	5,059	4,200	32,327
Carbon	640	772	942	262	403	218	138	724	690	983	1,464	1,328	8,564
Battle River	2,141	2,237	1,307	200	18	77	33	123	918	1,063	2,618	2,774	13,509
Camrose	11,422	4,927	4,999	4,122	2,441	2,378	861	4,895	7,019	7,788	11,972	9,943	72,567
Tofield	10,772	6,321	3,204	2,889	1,563	1,105	1,456	1,940	3,755	5,391	7,592	7,238	53,226
Clover Bar	49,415	30,673	34,862	27,733	15,011	11,456	12,078	20,559	27,425	34,235	35,862	44,087	343,396
Edmonton	15,807	9,378	9,323	7,610	4,094	3,175	2,580	4,386	8,029	9,463	9,822	13,466	97,133
Namoo	2,874	1,411	516	78	.....	.....	.....	1,083	1,618	2,791	3,270	3,166	16,807
Cardiff	18,092	8,011	15,784	13,201	9,882	10,428	10,688	14,926	16,211	14,724	22,550	20,601	175,102
Wabamun	4,893	1,696	1,045	2,215	672	510	1,560	2,419	2,836	3,354	4,584	3,967	29,751
Pembina	13,935	10,140	10,336	8,020	9,139	10,353	11,262	15,151	12,258	12,954	16,457	16,805	146,810
Peace River	20	.....	7	45	.....	.....	.....	.....	.....	.....	.....	.....	82
Total	422,257	219,995	214,459	178,861	158,218	211,632	218,550	266,370	314,837	276,161	454,264	423,704	3,359,308

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The following table shows the total output of DOMESTIC Coal disposed of as Lump Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	417	163	158	54	.....	53	52	31	165	137	391	319	1,940
Lethbridge ..	64,982	45,820	44,555	41,667	38,914	47,874	48,559	38,337	46,884	45,816	63,884	74,851	602,078
Magrath	200	99	84	79	39	65	101	208	109	103	224	196	1,507
Milk River ..	321	97	235	68	18	42	31	32	43	110	241	170	1,408
Taber	12,299	1,775	2,004	1,957	2,933	4,791	5,409	6,022	7,218	8,489	12,604	8,423	73,924
Bow Island ..	291	339	293	246	148	243	147	102	385	746	1,192	501	4,633
Medicine Hat.	2,028	673	43	129	37	.....	210	521	820	960	2,680	910	8,011
Aldersyde ...	361	263	332	193	134	182	180	276	377	651	913	682	4,544
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	103,971	38,388	32,697	25,790	33,832	61,645	66,483	75,106	92,126	54,584	128,881	97,151	810,654
Big Valley ..	3,229	3,653	1,329	246	94	166	641	1,123	1,572	2,796	2,949	2,560	20,358
Brooks	811	625	388	232	198	352	212	317	594	1,162	1,794	1,307	7,992
Hanna	2,074	1,190	782	287	228	366	185	291	1,274	1,685	2,391	1,060	11,813
Lacombe	1,098	613	508	155	84	68	73	15	360	503	1,088	666	5,141
Trochu	1,674	588	420	248	296	264	382	345	338	359	1,243	1,638	7,795
Three Hills ..	3,867	1,968	1,320	689	526	361	727	1,207	2,193	2,712	3,560	2,723	21,853
Carbon	256	349	228	54	.....	.....	9	478	401	602	508	468	3,353
Battle River ..	1,094	1,149	713	.....	.....	.....	.....	.....	60	66	158	373	3,613
Camrose	7,111	2,571	2,366	1,419	490	938	424	2,962	4,389	4,825	7,551	6,084	41,130
Tofield	10,622	6,236	3,124	2,839	1,563	1,005	1,421	1,940	3,695	5,311	7,492	7,128	52,476
Clover Bar ...	27,971	16,873	15,447	11,292	4,860	4,093	4,774	11,068	15,108	18,804	19,886	24,336	174,458
Edmonton ...	6,974	3,461	3,233	1,873	718	454	362	1,514	2,808	3,634	4,352	6,359	35,842
Namoo	1,428	635	117	.....	.....	.....	.....	583	764	1,490	1,505	1,699	8,221
Cardiff	10,463	3,111	3,470	3,068	1,438	1,607	1,522	3,893	7,484	6,984	11,749	9,873	64,662
Wabamun ...	1,354	305	104	10	10	163	102	204	365	515	887	942	4,961
Pembina	6,952	3,291	4,301	3,148	2,704	817	2,778	4,432	5,549	6,011	8,140	7,628	55,751
Peace River ..	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Total ...	271,788	134,235	118,251	95,743	89,264	125,559	134,784	151,007	195,181	169,094	286,195	258,047	2,029,148

The following table shows the total output of DOMESTIC Coal disposed of as Run of Mine Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	95	71	24	30	29	54	7	39	74	217	172	959
Lethbridge ..	2,157	133	76	62	22	51	82	84	69	83	168	134	3,121
Magrath ..	...	12	60	2	4	94	10	...	63	19	20	28	312
Milk River ..	452	484	232	149	127	146	38	120	262	313	956	815	4,094
Taber	534	80	398	439	304	339	270	254	358	724	1,045	801	5,546
Bow Island ..	129	116	84	28	21	9	39	7	149	87	101	98	868
Medicine Hat.	343	209	153	179	70	51	40	48	161	494	696	326	2,770
Aldersyde ..	239	309	260	204	84	256	113	126	226	391	602	418	3,228
High River ..	239	264	46	37	15	13	20	206	186	92	362	354	1,834
Drumheller ..	788	458	690	504	457	682	533	10,569	1,078	330	1,204	13,224	30,517
Big Valley ..	423	406	533	28	15	123	2,385	3,761	4,226	4,798	4,554	5,515	26,767
Brooks	675	879	165	138	112	246	121	148	559	691	1,124	960	5,818
Hanna	931	862	984	376	109	331	134	148	245	461	1,131	918	6,630
Lacombe	1,384	1,341	828	426	181	198	135	230	366	854	1,603	1,327	8,873
Trochu	802	1,086	735	323	99	168	89	125	580	783	2,659	1,277	8,726
Three Hills ..	462	250	155	62	36	3	87	60	...	...	...	78	1,193
Carbon	138	226	150	82	27	27	124	169	111	258	785	710	2,807
Battle River.	954	1,018	562	198	15	69	33	44	723	907	2,360	2,280	9,163
Camrose	506	457	841	484	745	597	258	280	445	309	722	763	6,407
Tofield	30	...	...	...	...	...	...	...	...	...	...	...	30
Clover Bar ..	1,707	1,351	3,890	1,041	1,274	853	1,341	1,008	...	368	72	146	13,051
Edmonton ..	386	940	378	185	407	465	353	348	...	...	89	15	3,566
Namoo	526	205	261	78	...	...	...	...	232	125	131	121	1,679
Cardiff	441	1,597	7,143	5,978	5,681	5,775	6,138	5,892	1,679	469	140	951	41,884
Wabamun	210	163	721	2,024	470	...	381	565	330	584	444	...	5,892
Pembina .....	...	...	...	...	...	...	4,595	...	...	...	...	...	4,595
Peace River ..	...	...	7	45	...	...	...	...	...	...	...	...	52
Total ...	14,603	12,941	19,423	13,096	10,305	10,525	17,373	24,199	12,087	13,214	21,185	31,431	200,382

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The following table shows the total output of DOMESTIC Coal disposed of as Nut Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	8	108	88	53	.....	.....	12	33	252	86	96	56	792
Lethbridge ..	10,260	6,744	5,041	5,550	5,084	6,286	4,129	4,402	9,473	6,149	10,406	9,207	81,731
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	10	6	58	45	30	40	70	75	80	196	68	44	722
Taber	2,877	475	552	596	924	1,372	1,558	1,450	1,843	2,683	4,106	2,381	20,817
Bow Island ..	41	31	48	26	12	12	29	18	21	282	36	12	568
Medicine Hat.	194	21	2	.....	.....	.....	102	287	279	284	754	344	2,267
Alfersyde ..	5	13	1	1	1	1	2	31	2	3	5	.....	65
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	22,535	8,860	9,330	8,685	7,308	13,719	14,066	19,771	20,338	10,054	26,341	19,300	181,207
Big Valley...	941	217	.....	26	.....	.....	.....	154	468	9	.....	.....	1,815
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	1,617	1,249	688	358	178	311	174	729	530	1,388	1,369	1,050	9,641
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	24
Trochu	178	160	106	39	42	61	88	47	65	94	199	456	1,535
Three Hills...	679	354	254	87	97	108	101	289	504	479	742	623	4,317
Carbon	166	101	485	100	371	187	.....	.....	63	.....	.....	.....	1,473
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	2,379	1,004	1,192	911	257	788	102	1,129	1,480	1,746	2,321	2,108	15,417
Tofield	70	55	55	30	.....	.....	25	.....	35	55	65	70	460
Clover Bar ..	9,873	5,741	7,690	8,750	5,058	3,619	2,388	2,894	5,045	6,189	6,986	8,903	73,136
Edmonton ..	3,950	2,302	2,767	3,101	1,559	1,193	802	1,185	2,800	3,253	2,809	3,326	29,047
Namoo	422	431	62	.....	.....	.....	.....	418	517	787	1,260	781	4,678
Cardiff	2,845	1,662	1,693	1,192	616	778	842	1,723	3,370	3,438	5,314	4,982	28,355
Wabamun ..	1,018	482	220	181	.....	206	275	474	699	779	1,228	1,613	7,175
Pembina	4,874	4,998	3,941	3,382	4,997	8,318	2,533	8,445	4,245	4,397	5,012	5,436	61,078
Peace River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	64,942	35,014	34,273	32,113	26,534	36,999	28,098	43,554	52,109	42,371	69,121	61,192	526,320

The following table shows the total output of DOMESTIC Coal disposed of as Slack Coal during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	319	245	208	5	.....	6	118	26	179	195	379	204	1,884
Lethbridge ..	15,550	12,416	13,248	14,268	13,357	14,639	11,828	9,757	11,571	12,320	16,581	18,167	163,732
Magrath ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....
Milk River...	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Taber	5,715	698	1,176	900	1,042	2,203	2,401	2,753	3,161	3,463	5,204	3,924	32,740
Bow Island...	50	39	36	8	13	16	17	14	24	59	83	28	387
Medicine Hat.	59	22	8	.....	7	10	46	69	74	146	230	97	768
Aldersyde ..	35	12	28	25	21	19	29	17	60	73	96	87	502
High River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	22,321	8,912	9,538	7,432	7,366	13,484	13,980	19,812	21,103	13,127	28,704	22,530	188,309
Big Valley...	359	170	570	8	2	1	185	180	100	329	873	632	3,409
Brooks	22	17	.....	4	.....	.....	.....	.....	1	.....	2	.....	46
Hanna	185	166	123	73	46	79	.....	80	138	199	237	197	1,559
Lacombe	65	120	83	26	18	13	15	13	41	.....	40	43	477
Trochu	364	203	124	92	61	45	83	75	90	112	352	561	2,162
Three Hills ..	609	330	203	158	189	96	283	256	652	655	757	776	4,964
Carbon	80	96	79	26	5	4	5	77	115	123	171	150	931
Battle River..	93	70	32	2	3	8	.....	79	135	90	100	121	733
Camrose	1,426	495	600	1,308	949	255	77	524	705	908	1,378	988	9,613
Tofield	50	30	25	20	.....	.....	10	.....	25	25	35	40	260
Clover Bar ..	9,864	6,708	7,835	6,650	3,819	2,981	3,575	5,589	7,272	8,838	8,918	10,702	82,751
Edmonton ..	4,497	2,675	2,945	2,451	1,410	1,063	1,063	1,339	2,321	2,576	2,372	3,766	28,678
Namoo	498	140	76	.....	.....	.....	.....	82	105	389	374	565	2,229
Cardiff	4,343	1,641	3,478	2,963	2,147	2,268	2,286	3,418	3,682	3,833	5,347	4,795	40,201
Wabamun ..	2,311	746	.....	.....	192	141	802	1,176	1,442	1,476	2,025	1,412	11,723
Pembina	2,109	1,851	2,094	1,490	1,438	1,218	1,356	2,274	2,464	2,546	3,305	3,241	25,386
Peace River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	70,924	37,805	42,512	37,909	32,115	38,549	38,295	47,610	55,460	51,482	77,763	73,034	603,458

The following table shows the total output of BITUMINOUS Coal disposed of as Lump Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,367	669	259	244	1,660	1,534	2,168	2,434	3,078	2,802	2,363	3,242	23,820
Canmore	.....	34	.....	.....	125	76	34	72	.....	65	29	29	464
Brazeau	1,529	981	659	1,282	1,428	1,861	2,071	2,586	2,677	1,979	2,536	2,606	22,195
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	2,439	1,407	589	747	1,092	1,081	1,005	991	791	1,280	2,413	1,872	15,707
Mountain Pk.	49	77	30	35	563	738	641	1,138	925	762	822	659	6,439
Total	7,384	3,168	1,537	2,308	4,868	5,290	5,919	2,221	7,471	6,888	8,163	8,408	68,625

The following table shows the total output of BITUMINOUS Coal disposed of as Run of Mine Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	137,551	136,489	96,432	70,596	120,037	138,874	143,804	139,983	145,181	147,138	169,772	161,591	1,607,448
Canmore	25,934	24,186	18,200	8,098	19,236	24,531	23,461	23,886	24,466	23,194	26,883	27,408	269,483
Brazeau	35,328	33,667	32,333	35,184	27,084	36,153	34,524	38,255	33,744	24,571	38,602	45,695	415,140
Jasper Park	20,035	18,687	26,171	20,855	19,372	15,027	7,538	11,245	18,479	22,654	25,547	26,355	231,945
Yellowhead P.	18,600	22,584	25,384	23,121	28,656	31,544	33,917	35,565	32,385	33,654	33,000	31,533	349,943
Mountain Pk.	22,668	34,895	21,589	15,680	12,541	13,684	17,734	18,250	15,081	14,802	22,854	24,659	234,437
Total	260,116	270,508	220,109	173,534	226,926	259,813	260,978	267,184	269,336	265,993	316,658	317,241	3,108,396

The following table shows the total output of BITUMINOUS Coal disposed of as Nut Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,230	1,975	1,532	1,860	1,590	2,386	2,129	5,448	3,757	4,335	2,858	3,193	34,293
Canmore	526	391	199	136	1,155	87	57	57	321	716	665	225	4,565
Brazeau	770	848	40	10	3	200	47	.....	.....	.....	496	.....	2,414
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	30
Yellowhead P.	7,855	7,058	8,179	6,220	3,812	1,336	977	973	805	804	1,229	1,164	40,412
Mountain Pk.	.....	33	.....	31	.....	.....	.....	101	128	.....	71	.....	364
Total	12,381	10,305	9,950	8,257	6,560	4,009	3,210	6,579	5,011	5,885	5,319	4,612	82,078

The following table shows the total output of BITUMINOUS Coal disposed of as Slack Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	7,022	9,487	7,579	5,197	11,526	10,994	9,456	10,578	12,372	11,314	7,587	6,855	109,968
Canmore	.....	.....	.....	.....	999	1,360	.....	.....	.....	.....	.....	.....	2,359
Brazeau	.....	.....	1,070	1,169	1,101	163	1,654	1,821	1,717	1,502	1,118	1,584	12,899
Jasper Park	370	503	591	94	134	.....	277	233	206	281	345	442	3,476
Yellowhead P.	5,473	3,519	3,110	4,909	938	4,242	2,493	3,821	661	553	765	547	31,031
Mountain Pk.	.....	30	.....	.....	97	62	.....	.....	.....	.....	.....	.....	189
Total	12,865	13,539	12,350	11,369	14,795	16,821	13,880	16,453	14,956	13,650	9,815	9,429	159,922

The following table shows the total output of ANTHRACITE Coal disposed of as Lump Coal during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	1,991	1,653	2,178	1,605	1,619	1,441	1,355	1,793	1,342	1,531	1,336	1,525	19,369

The following table shows the total output of ANTHRACITE Coal disposed of as Nut Coal during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	4,648	4,008	4,818	3,508	3,564	3,161	2,966	3,381	2,582	3,292	2,605	4,022	42,555

The following table shows the total output of ANTHRACITE Coal disposed of as Slack Coal during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	5,507	5,130	6,934	6,282	6,235	6,684	5,809	6,073	4,259	4,481	5,585	5,691	68,670

The following table shows the total sales of DOMESTIC Coal, in districts, during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	891	611	466	136	46	181	236	97	635	492	1,083	751	.....
Lethbridge ..	79,302	54,761	54,419	53,621	49,705	58,635	56,216	48,546	58,802	57,868	81,280	91,471	744,626
Magrath	200	111	144	81	43	159	111	208	172	122	244	224	1,819
Milk River ..	783	587	528	273	188	228	139	227	385	619	1,265	1,029	6,251
Taber	16,508	2,450	2,969	2,979	4,161	5,861	7,275	8,819	9,737	12,178	17,808	11,585	102,330
Bow Island ..	461	486	425	305	207	299	238	131	555	1,131	1,343	615	6,196
Medicine Hat ..	2,563	901	322	277	106	50	351	855	1,259	1,737	4,055	1,547	14,023
Aldersyde	617	585	603	411	231	445	315	433	649	1,088	1,572	1,139	8,088
High River ..	239	209	57	41	15	13	20	206	186	92	362	354	1,794
Drumheller ..	142,470	53,071	48,595	39,465	45,826	85,630	89,895	116,538	125,695	72,110	174,530	143,381	1,137,186
Big Valley ..	4,852	4,446	2,332	305	111	290	3,211	5,168	6,266	7,807	8,266	8,597	51,651
Brooks	1,486	1,504	585	378	316	598	333	465	1,154	1,853	2,916	2,265	13,853
Hanna	4,584	2,952	2,874	964	495	980	475	1,158	2,072	3,575	4,944	3,057	28,130
Lacombe	2,442	2,054	1,419	607	283	279	208	258	767	1,377	2,735	2,036	14,465
Trochu	2,387	1,847	1,278	623	383	456	607	505	963	1,151	4,024	3,544	17,768
Three Hills ..	4,944	2,379	2,074	771	811	426	1,044	1,583	2,842	3,282	4,276	3,441	27,873
Carbon	622	757	918	248	398	214	133	663	605	890	1,293	1,178	7,919
Battle River ..	2,048	2,212	1,275	198	15	69	33	44	796	978	2,338	2,653	12,859
Camrose	10,952	4,369	4,811	3,928	2,331	2,447	811	4,529	6,620	7,167	10,934	9,545	68,444
Tofield	10,662	6,246	3,139	2,839	1,553	1,005	1,331	1,840	3,610	5,236	7,427	7,188	52,076
Clover Bar ..	46,160	28,132	31,985	25,745	13,430	10,507	10,442	18,269	24,890	31,675	33,699	41,241	316,175
Edmonton	14,501	8,234	8,326	6,777	3,620	2,743	2,199	3,923	7,203	8,595	8,878	12,404	87,405
Namoo	2,306	1,327	449	78	.....	.....	.....	1,053	1,505	2,759	3,176	2,766	15,507
Cardiff	17,284	7,010	14,776	12,273	8,971	9,534	9,729	13,853	15,208	13,848	21,398	19,515	163,459
Wabamun	4,983	1,576	921	2,065	517	360	1,405	2,264	2,676	3,184	4,344	3,817	27,812
Pembina	12,163	9,181	9,310	7,127	8,254	9,727	10,488	14,165	10,911	11,847	14,662	15,348	133,183
Peace River ..	30	.....	7	45	.....	.....	.....	.....	.....	.....	.....	.....	82
Total	386,140	197,998	195,007	162,560	142,016	191,136	197,245	245,800	286,313	252,661	419,052	390,671	3,066,599

The following table shows the total sales of BITUMINOUS Coal, in districts, during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	144,933	142,975	102,548	70,072	128,676	148,416	149,889	150,874	157,516	158,887	175,322	168,112	1,698,220
Canmore	24,992	23,350	17,131	6,875	20,139	23,470	22,321	22,753	23,525	22,915	26,080	26,201	259,752
Brazeau	36,847	35,004	33,205	37,042	28,846	39,076	37,618	41,554	37,892	26,799	41,448	49,245	444,576
Jasper Park . .	18,935	17,691	24,955	19,993	18,352	14,077	6,687	10,349	17,489	21,540	24,491	25,188	219,647
Yellowhead P.	32,273	32,100	35,449	33,009	33,223	37,519	37,378	40,242	34,851	35,526	36,558	34,226	421,354
Mountain Pk.	21,721	34,157	20,574	15,029	12,065	13,543	17,460	18,540	15,122	14,571	22,493	24,039	229,314
Total . . .	279,701	285,277	233,862	181,920	241,301	276,101	271,353	284,312	285,395	280,238	326,392	327,011	3,272,863

The following table shows the total sales of ANTHRACITE Coal during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	3,077	2,519	3,495	2,857	2,524	2,631	2,354	2,794	2,373	2,244	2,457	2,479	31,804

The following table shows the total sales of COAL and BRIQUETTES during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Coal	608,918	485,794	432,364	347,337	385,841	469,868	470,952	532,906	574,081	535,143	747,901	720,161	6,371,266
Briquettes . . .	8,289	7,648	8,364	6,609	8,618	8,863	8,662	8,948	8,358	8,946	8,870	9,518	101,693

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	891	611	466	136	46	181	236	97	635	492	1,083	751	5,625
Lethbridge ..	24,056	13,767	20,427	18,208	15,546	14,073	13,182	13,568	15,818	20,094	24,589	24,036	217,364
Magrath	200	111	144	81	43	159	111	208	172	122	244	224	1,819
Milk River ..	765	581	526	265	188	228	139	227	375	573	1,202	983	6,052
Taber	2,898	946	836	773	919	563	731	1,255	1,753	2,125	3,341	1,950	18,088
Bow Island ..	461	486	425	305	207	299	238	131	555	1,131	1,343	615	6,196
Medicine Hat ..	415	352	193	69	26	50	46	74	774	1,160	2,008	659	5,826
Aldersyde ..	617	585	603	411	231	445	315	433	649	1,088	1,572	1,139	8,088
High River ..	239	209	57	41	15	13	20	206	186	92	362	354	1,794
Drumheller ..	31,261	14,336	17,032	13,865	7,705	18,315	16,169	26,664	37,237	21,979	43,258	28,430	276,251
Big Valley ..	4,040	4,415	2,332	305	111	290	2,689	757	1,447	1,906	2,911	1,884	23,087
Brooks	1,486	1,504	585	378	316	598	333	465	1,154	1,853	2,916	2,265	13,853
Hanna	3,636	2,919	2,814	964	495	980	475	1,098	2,072	3,575	4,787	2,961	26,776
Lacombe	2,411	2,054	1,419	607	283	279	208	258	767	1,377	2,735	2,000	14,398
Trochu	2,354	1,726	1,167	623	353	365	442	382	865	891	3,256	2,486	14,910
Three Hills ..	2,732	1,649	1,753	771	737	329	498	777	2,035	2,689	2,826	1,576	18,172
Carbon	622	757	918	248	398	214	133	663	605	890	1,293	1,178	7,919
Battle River ..	2,048	2,212	1,275	198	15	69	33	44	796	978	2,538	2,653	12,859
Camrose	7,452	3,105	3,567	2,477	720	1,690	659	2,566	4,892	5,341	8,284	7,103	47,856
Tofield	6,990	4,980	2,915	2,806	1,456	1,005	1,168	868	2,163	2,586	3,681	4,176	34,794
Clover Bar ..	39,199	24,532	29,680	23,539	12,901	9,550	9,510	15,675	21,353	26,651	39,346	36,763	278,699
Edmonton ..	13,057	7,496	8,326	6,777	3,620	2,743	2,122	3,861	7,132	8,483	8,806	12,404	84,827
Namoo	1,948	1,247	416	78	.....	.....	.....	668	1,420	2,467	2,995	2,706	13,945
Cardiff	14,705	6,553	14,436	11,918	8,727	9,272	8,973	11,992	12,582	12,054	17,915	17,112	146,239
Wabamun ..	3,065	1,052	825	2,034	355	240	934	1,490	1,944	1,909	2,470	2,251	18,569
Pembina	4,882	3,941	5,616	4,461	5,196	5,910	5,443	7,946	6,606	5,083	5,788	5,635	66,507
Peace River ..	30	.....	7	45	.....	.....	.....	.....	.....	.....	.....	.....	82
Total ..	172,458	102,126	118,760	92,383	60,609	67,860	64,807	92,373	125,987	127,589	181,349	164,294	1,370,595

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	3,602	1,067	1,208	765	1,278	1,678	1,242	1,034	1,083	1,621	1,820	3,334	19,732
Lethbridge ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	818	.....	33	.....	46	208	92	183	387	1,214	1,049	861	4,981
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	1,528	1,440	242	181	301	907	853	853	1,607	1,580	2,884	1,174	13,549
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	710	.....	33	40	.....	402	.....	31	.....	32	61	71	1,380
Edmonton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff .....	.....	323	.....	.....	162	90	.....	135	33	.....	226	39	298
Wabamun .....	.....	811	.....	.....	1,221	1,724	895	225	77	265	319	385	1,756
Pembina	967	.....	277	361	.....	.....	.....	.....	435	1,121	2,440	1,943	12,420
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	7,625	3,641	1,793	1,347	3,008	5,099	3,082	2,460	3,622	5,833	8,799	7,807	54,116

The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	41,947	28,189	27,084	28,391	27,707	34,766	32,027	23,717	34,166	26,724	42,690	48,952	396,360
Lethbridge ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	8,445	880	1,773	1,739	1,415	3,258	4,590	5,382	4,716	5,252	7,714	5,982	51,146
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island ..	1,123	511	129	180	80	.....	275	650	485	577	1,646	858	6,514
Medicine Hat ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River ..	73,570	22,566	21,400	20,121	23,814	38,100	43,830	58,966	60,772	32,282	84,984	67,996	548,537
Drumheller ..	390	31	.....	.....	.....	.....	32	4,105	4,368	5,013	4,322	5,717	23,978
Big Valley ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks	909	.....	60	.....	.....	.....	.....	30	.....	.....	93	64	1,156
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	239	297	599
Trochu	318	.....	.....	.....	.....	.....	.....	.....	65	32	61	64	540
Three Hills ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River ..	3,262	1,264	1,244	1,418	1,611	697	152	1,654	1,561	1,528	2,404	2,217	19,012
Camrose	3,303	1,266	192	33	97	.....	163	841	1,309	2,485	3,476	2,833	15,998
Tofield	4,958	2,813	2,041	1,953	152	233	683	1,743	2,475	3,457	2,954	2,993	26,455
Glover Bar ..	725	690	.....	.....	.....	.....	.....	62	32	72	72	.....	1,653
Edmonton	327	80	33	.....	.....	.....	.....	354	173	292	116	30	1,405
Namoo	2,002	350	340	355	244	227	379	1,346	2,389	1,430	2,983	2,302	14,347
Cardiff	1,070	162	96	31	.....	30	315	607	655	809	979	757	5,511
Wabamun	1,826	1,474	1,122	1,397	968	1,255	1,971	2,194	1,669	2,268	2,470	2,591	21,205
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	144,208	60,306	55,514	55,618	56,088	78,566	84,417	101,651	114,835	82,221	157,203	143,653	1,134,280

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The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	9,697	11,629	5,252	4,724	4,751	7,433	6,987	5,029	6,042	5,303	7,184	10,974	84,985
Lethbridge ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	3,067	448	327	467	1,751	1,597	1,604	676	258	442	2,562	1,163	14,392
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island ..	1,025	38	.....	28	.....	.....	30	131	.....	.....	314	.....	1,566
Medicine Hat.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	35,960	14,699	9,921	5,261	13,964	28,175	28,867	28,866	24,251	15,292	40,202	43,174	288,432
Big Valley ..	422	.....	.....	.....	.....	.....	490	306	451	888	1,033	932	4,522
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	39	33	.....	.....	.....	.....	30	.....	.....	.....	64	32	198
Lacombe	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	67
Trochu .....	.....	91	111	.....	30	91	165	123	98	260	529	761	2,259
Three Hills ..	1,894	730	321	.....	74	97	546	806	742	561	1,589	1,801	9,161
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	238	.....	.....	33	.....	60	.....	309	167	298	182	225	1,512
Tofield	369	.....	32	.....	.....	.....	.....	131	138	165	270	179	1,284
Clover Bar ..	1,293	787	231	213	377	322	249	820	1,022	1,535	1,338	1,414	9,601
Edmonton ..	719	48	.....	.....	.....	.....	77	.....	41	40	.....	.....	925
Namoo	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	96
Cardiff	577	107	.....	.....	.....	35	377	515	264	364	274	62	2,575
Wabamun	548	39	.....	.....	.....	.....	156	32	201	201	576	424	1,976
Pembina	4,488	2,955	2,295	908	869	838	2,032	3,800	2,168	3,375	3,964	5,141	32,853
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	60,398	31,604	18,490	11,634	21,826	38,648	41,400	41,574	35,642	28,724	60,146	66,318	456,404

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Incher Creek	234	152	140	47	186	128	887
Lethbridge
Magrath
Milk River	46	....	....	....	....	....	....	191	159	1,219	542	224	2,381
Taber
Bow Island
Medicine Hat
Aldersyde
High River	65	345	1,112	1,691	795	3,169	2,333	9,586
Drumheller	76	....	....	....	....	....	....	....	....	....	....	64	64
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River	64	....	64
Camrose
Tofield	40	....	....	....	40
Clover Bar
Edmonton	30	61
Namoo	31	....	....	....	....	....
Cardiff
Wabamun
Pembina	127	....	33	....	....	38	198
Peace River
Total	122	....	....	....	....	65	706	1,486	2,063	2,001	3,961	2,917	13,281

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Quebec:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River...
Taber
Bow Island
Medicine Hat.
Aldersyde
High River...	30	...	...	30
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River..
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River..
Total	30	...	...	30

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	448	1,533	443	685	2,544	5,046	1,553	4,079	4,811	4,047	25,298
Lethbridge	109	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath
Milk River	18	6	2	8	.....	.....	.....	.....	10	46	63	46	199
Taber	1,236	176	.....	.....	.....	145	258	1,132	2,404	1,926	2,600	1,405	11,342
How Island
Medicine Hat	87	30	117
Aldersyde
High River
Drumheller	75	30	.....	37	42	68	31	78	137	152	33	254	937
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namao
Cardiff
Wabamun
Pembina
Peace River
Total	1,329	321	450	1,578	485	898	2,833	6,256	4,164	6,203	7,594	5,782	37,893

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The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in Alberta :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	110,161	122,568	87,832	55,897	99,133	118,358	113,517	103,493	112,362	120,617	148,172	140,612	1,332,722
Canmore	24,307	22,619	16,944	6,801	17,543	22,681	21,276	20,955	21,965	22,066	25,033	25,519	247,509
Brazeau	34,957	33,439	31,875	35,353	27,136	36,528	34,688	38,187	35,007	24,460	38,597	45,841	416,068
Jasper Park . . .	18,935	17,691	24,955	19,893	18,323	12,692	5,009	9,194	16,173	20,336	23,219	24,771	211,191
Yellowhead P.	28,130	30,418	34,353	31,545	30,368	35,336	34,855	35,547	29,074	32,584	29,043	29,194	380,447
Mountain Pk.	6,685	31,356	13,833	14,312	11,269	12,323	14,280	14,097	11,485	12,112	20,206	22,837	184,795
Total . . .	223,175	258,091	209,792	163,601	203,772	237,918	223,625	221,473	226,066	232,175	284,270	288,774	2,772,732

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in British Columbia :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	6,246	3,206	3,168	2,266	2,953	2,865	2,270	3,369	4,187	4,712	3,623	3,364	42,229
Canmore	98	88	44	81	48	33	125	106	250	160	346	507	1,886
Brazeau . . . . .	.....	.....	.....	.....	.....	1,385	.....	1,155	33	.....	.....	.....	2,573
Jasper Park . . . .	.....	.....	.....	.....	29	.....	1,678	.....	1,216	1,204	1,272	417	5,816
Yellowhead P.	1,158	457	532	677	1,456	938	1,231	1,498	1,236	1,119	3,620	1,800	15,722
Mountain Pk.	128	220	.....	32	63	127	.....	97	75	.....	241	466	1,449
Total . . .	7,630	3,971	3,744	3,056	4,549	5,348	5,304	6,225	6,997	7,195	9,102	6,554	69,675

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	7,844	5,231	7,199	3,931	8,247	7,358	9,628	16,452	13,812	9,631	9,336	7,217	105,886
Canmore	554	643	143	193	2,383	335	560	1,659	1,277	623	608	141	9,119
Brazeau	1,890	1,077	1,330	1,689	1,372	1,361	926	2,877	987	385	811	964	15,669
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	1,691	360	271	531	1,154	894	744	1,894	620	1,251	1,252	569	11,231
Mountain Pk.	14,051	735	5,673	507	288	290	1,280	1,701	1,958	1,308	966	547	29,304
Total ...	26,030	8,046	14,616	6,851	13,444	10,238	13,138	24,583	18,654	13,198	12,973	9,438	171,209

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	662	518	658	3,937	9,340	10,693	15,902	17,637	14,910	13,045	6,519	7,617	101,438
Canmore	33	.....	.....	.....	165	421	360	33	33	66	93	34	1,238
Brazeau ....	.....	488	.....	.....	338	1,187	2,004	490	1,865	1,954	2,040	2,440	12,806
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	1,294	865	293	256	245	351	548	1,303	2,921	572	2,643	2,663	13,954
Mountain Pk.	857	1,846	1,068	178	445	803	1,900	2,645	1,604	1,151	1,080	189	13,766
Total ...	2,846	3,717	2,019	4,371	10,533	13,455	20,714	22,108	21,333	16,788	12,375	12,943	143,202

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	230	.....	194	106	.....	.....	.....	.....	530
Canmore
Brazeau
Jasper Park..	100	.....	.....	.....	100
Yellowhead P.
Mountain Pk.
Total	230	.....	194	106	100	.....	.....	.....	630

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	20,020	11,452	3,691	4,041	8,773	9,142	8,378	9,817	12,245	10,882	7,762	9,302	114,515
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	20,020	11,452	3,691	4,041	8,773	9,142	8,378	9,817	12,245	10,882	7,762	9,302	114,515

The following table shows the total amount of ANTHRACITE COAL and BRIQUETTES sold each month for consumption in Alberta:

	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Anthracite ..	1,635	1,615	3,129	1,825	1,442	1,881	1,315	1,725	1,423	1,548	1,557	1,335	20,430
Briquettes ...	5,649	7,040	7,580	5,046	7,273	7,583	7,697	7,596	5,760	6,785	6,270	7,327	81,606

The following table shows the total amount of ANTHRACITE COAL and BRIQUETTES sold each month for consumption in British Columbia:

	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Anthracite ..	828	415	203	508	527	291	231	314	319	417	448	558	5,059
Briquettes ...	456	2,222	104	40	158	74	42	172	386	281	464	307	2,706

The following table shows the total amount of ANTHRACITE COAL and BRIQUETTES sold each month for consumption in Saskatchewan:

	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Anthracite ..	614	414	86	399	317	335	423	651	496	151	312	459	4,657
Briquettes ...	1,490	182	328	41	157	231	381	978	1,941	1,629	1,723	1,816	10,897

The following table shows the total sales of DOMESTIC LUMP Coal in districts for each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	417	163	158	54	11	53	52	31	165	137	391	319	1,951
Lethbridge ..	64,961	46,377	43,597	42,643	38,938	47,890	48,431	38,346	46,925	45,867	63,557	74,591	602,123
Magrath	200	99	84	79	39	65	101	208	109	103	224	196	1,507
Milk River...	321	97	235	79	38	42	31	32	43	110	241	170	1,439
Taber	12,299	1,775	2,004	1,957	2,933	4,419	5,475	6,328	7,218	8,489	12,604	8,423	73,924
Bow Island ..	291	339	293	246	148	243	147	102	385	746	1,192	501	4,633
Medicine Hat.	2,028	673	43	127	37	...	210	521	820	960	2,566	878	8,863
Aldersyde ...	361	263	332	193	134	182	180	276	377	651	913	682	4,544
High River ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ..	103,861	38,188	32,503	25,620	33,667	61,490	66,321	74,964	91,726	54,161	128,606	96,816	807,923
Big Valley ..	3,229	3,653	1,329	246	94	166	641	1,123	1,572	2,796	2,949	2,560	20,358
Brooks	811	625	388	232	198	352	212	317	594	1,162	1,790	1,305	7,986
Hanna	2,074	900	1,072	277	228	366	185	291	1,274	1,685	2,349	1,060	11,765
Lacombe	1,008	613	508	155	84	68	73	15	360	503	1,088	666	5,141
Trochu	1,474	588	420	248	284	253	405	345	338	359	1,243	1,638	7,595
Three Hills...	3,819	1,775	1,514	641	574	361	716	1,182	2,176	2,714	3,510	2,751	21,733
Carbon	256	349	228	54	...	...	9	478	401	602	508	468	3,353
Battle River..	1,094	1,167	713	...	...	...	...	...	60	66	158	373	3,631
Camrose	7,111	2,571	2,366	1,419	490	938	424	2,962	4,389	4,825	7,551	6,084	41,130
Tofield	10,612	6,221	3,109	2,829	1,553	1,005	1,321	1,840	3,595	5,211	7,392	7,118	51,806
Glover Bar ..	27,971	16,873	15,447	11,292	4,860	4,003	4,774	111,068	15,108	18,840	19,886	24,336	174,458
Edmonton ...	6,974	3,461	3,233	1,873	718	454	362	1,514	2,908	3,634	4,352	6,359	35,842
Namoo	1,386	635	117	...	...	...	...	582	747	1,490	1,505	1,699	8,161
Cardiff	10,463	3,111	3,470	3,068	1,438	1,607	1,522	3,893	7,484	6,984	11,749	9,873	64,662
Wabamun ...	1,354	305	104	10	10	163	102	204	365	515	887	942	4,961
Pembina	6,963	3,259	4,295	3,129	2,673	900	2,768	4,414	5,586	5,978	8,112	7,644	55,721
Peace River..	30	...	...	...	...	...	...	...	...	...	...	...	30
Total	271,368	134,080	117,562	96,471	89,149	125,020	134,462	151,036	194,725	168,588	285,323	257,452	2,025,236

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The following table shows the total sales of DOMESTIC RUN OF MINE Coal in districts for each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	95	71	24	32	29	54	7	39	74	217	172	961
Lethbridge ..	72	82	60	24	35	1	10	13	63	19	34	32	293
Magrath ..	.....	12	30	2	4	94	.....	.....	.....	.....	20	28	312
Milk River ..	452	484	232	149	120	146	38	120	262	313	956	815	4,087
Taber ..	534	80	398	439	304	339	270	254	338	724	1,045	801	5,546
Bow Island...	129	116	84	28	40	40	58	7	149	87	101	98	937
Medicine Hat.	341	207	277	150	69	50	39	47	160	493	695	325	2,853
Aldersyde ..	239	309	260	204	84	256	113	126	226	391	602	418	3,228
High River ..	239	209	57	41	15	13	20	206	186	92	1,794	354	1,794
Drumheller ..	388	255	290	204	157	302	233	10,569	578	330	1,104	13,124	27,594
Big Valley ..	423	406	533	28	15	123	2,385	3,761	4,226	4,798	4,554	5,515	26,767
Brooks ..	675	879	197	146	118	246	121	148	559	691	1,124	960	5,864
Hanna ..	911	847	964	336	99	316	129	148	245	456	1,131	860	6,447
Lacombe ..	1,384	1,341	828	426	181	198	135	230	366	854	1,603	1,327	8,873
Trochu ..	799	1,086	735	323	99	168	109	125	530	698	2,659	1,277	8,608
Three Hills ..	462	250	155	62	36	3	87	60	.....	.....	.....	78	1,193
Carbon ..	138	101	150	82	27	27	124	169	111	258	785	710	2,682
Battle River..	954	1,018	562	198	15	69	33	44	723	887	2,380	2,280	9,163
Camrose ..	496	452	836	482	745	597	258	280	445	309	722	763	6,385
Tofield ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar ..	1,607	1,351	3,890	1,041	1,274	853	1,341	1,008	.....	368	72	146	12,951
Edmonton ..	118	732	378	185	407	465	353	348	.....	.....	29	15	3,030
Namoo ..	498	205	261	78	.....	.....	.....	.....	232	125	131	121	1,651
Cardiff ..	33	986	6,716	5,582	5,280	5,376	5,719	5,429	1,230	93	87	315	36,846
Wabamun ..	.....	163	721	2,024	470	.....	381	565	330	584	444	.....	5,682
Pembina ..	.....	.....	.....	.....	.....	.....	4,720	.....	.....	.....	.....	.....	4,720
Peace River..	.....	.....	7	45	.....	.....	.....	.....	.....	.....	.....	.....	52
Total ..	11,039	11,666	18,697	12,303	9,591	9,771	16,730	23,664	11,018	12,644	20,857	30,534	188,514

The following table shows the total sales of DOMESTIC NUT Coal in districts for each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	8	103	88	53	...	...	12	33	252	86	96	56	792
Lethbridge	10,165	6,610	4,860	4,500	4,769	6,180	3,982	4,201	9,209	5,962	10,101	8,976	79,635
Magrath	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River	10	6	58	45	30	40	70	75	80	196	68	44	722
Taber	2,837	475	537	583	924	1,059	1,272	2,049	1,823	2,653	4,056	2,361	20,029
Bow Island	41	31	48	26	12	12	29	18	21	282	36	12	568
Medicine Hat	194	21	2	...	...	...	102	287	279	284	754	344	2,267
Aldersyde	...	13	1	1	...	...	2	31	2	3	5	...	60
High River	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller	21,891	8,760	9,210	8,205	7,083	13,514	13,968	18,917	19,920	9,731	25,736	18,538	175,473
Big Valley	941	217	...	26	...	...	...	154	468	9	...	...	1,815
Brooks	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna	1,599	1,143	766	348	168	298	161	716	513	1,370	1,352	1,034	9,468
Lacombe	...	...	...	...	...	...	...	...	...	...	4	...	24
Trochu	86	142	91	20	...	35	63	35	65	94	82	397	1,110
Three Hills	629	330	198	68	61	62	145	281	521	462	734	612	4,103
Carbon	166	226	485	100	371	187	...	...	63	...	...	...	1,598
Battle River	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose	2,185	850	1,034	759	167	689	52	973	1,320	1,529	2,098	1,887	13,543
Tofield	50	25	30	10	...	...	10	...	15	25	35	70	270
Clover Bar	9,873	5,591	7,540	8,750	5,058	3,619	2,388	2,894	5,045	6,039	6,836	8,903	72,536
Edmonton	3,929	2,314	2,767	3,101	1,559	1,193	802	1,185	2,800	3,253	2,809	3,326	29,038
Namoo	422	414	47	...	...	...	...	389	509	752	1,204	751	4,488
Cardiff	2,545	1,272	1,278	792	226	383	342	1,273	2,920	2,988	4,345	4,532	22,896
Wabamun	1,018	362	96	31	...	56	120	319	539	609	988	1,463	5,601
Pembina	4,719	4,957	3,861	3,340	4,940	8,347	2,538	8,435	4,240	4,357	4,980	5,938	60,652
Peace River	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	63,308	33,897	32,997	30,738	25,369	35,615	26,058	42,265	50,694	40,704	66,319	59,244	507,288

The following table shows the total sales of DOMESTIC SLACK Coal in districts for each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	319	245	149	5	3	99	118	26	179	195	379	204	1,921
Lethbridge ..	4,104	1,662	5,927	6,454	5,998	4,564	3,803	5,986	2,578	6,039	7,588	7,872	62,575
Magrath ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Milk River ..	..	..	3	..	..	..	..	..	..	..	..	..	3
Taber	838	120	30	..	..	44	258	188	338	312	103	..	2,231
Bow Island ..	..	..	..	5	7	4	4	4	..	16	14	4	58
Medicine Hat.	..	..	..	..	..	..	..	..	..	..	40	..	40
Aldersyde ..	17	..	10	13	12	6	20	..	44	43	52	39	256
High River ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drumheller ..	16,330	5,868	6,592	5,436	4,919	10,264	9,373	12,088	13,471	7,888	19,084	14,883	126,196
Big Valley ..	259	170	470	5	2	1	185	130	..	204	763	522	2,711
Brooks .....	..	..	..	..	..	..	..	..	1	..	2	..	3
Hanna .....	..	62	72	3	..	..	..	3	40	64	112	103	459
Lacombe ..	50	100	83	26	18	13	..	13	41	..	40	43	427
Trochu	28	31	32	32	..	..	30	..	30	..	40	232	455
Three Hills ..	34	24	207	..	140	..	96	60	145	106	32	..	844
Carbon	62	81	55	12	..	..	..	16	30	30	..	..	286
Battle River..	..	27	..	..	..	..	..	..	13	25	..	..	65
Camrose	1,160	496	575	1,268	929	223	77	314	466	504	563	811	7,386
Tofield .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Clover Bar ..	6,709	4,317	5,108	4,662	2,238	2,032	1,939	3,299	4,737	6,428	6,905	7,856	56,230
Edmonton ..	3,480	1,727	1,948	1,618	936	631	1,063	876	1,497	1,708	1,688	2,704	19,495
Namoo .....	..	73	24	..	..	..	..	82	105	392	336	195	1,207
Cardiff	4,243	1,641	3,312	2,831	2,027	2,168	2,146	3,258	3,634	3,783	5,217	4,795	39,055
Wabamun ..	2,311	746	..	..	37	141	802	1,176	1,442	1,476	2,025	1,412	11,568
Pembina	481	965	1,154	658	641	480	462	1,316	1,085	1,512	1,570	1,766	12,090
Peace River..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ...	40,425	18,355	25,751	23,028	17,907	20,670	19,995	28,835	29,876	30,725	46,552	43,441	345,561

The following table shows the total sales of BITUMINOUS LUMP Coal in districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,101	575	259	244	1,660	1,534	2,168	2,434	3,078	2,802	2,363	1,765	20,983
Canmore . . .	1,529	34	.....	.....	125	76	34	72	.....	65	29	29	1,993
Brazeau . . . .	.....	981	659	1,282	1,428	1,861	2,071	2,586	2,602	1,889	2,536	2,688	20,583
Jasper Park . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	2,439	1,390	605	736	1,090	1,076	1,005	991	791	1,280	2,413	1,872	15,688
Mountain Pk.	49	77	30	35	563	738	641	1,138	-925	762	822	659	6,439
Total . . .	6,118	3,057	1,553	2,297	4,866	5,285	5,919	7,221	7,396	6,798	8,163	7,013	65,686

The following table shows the total sales of BITUMINOUS RUN OF MINE Coal in districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	133,194	131,999	94,030	64,768	114,612	134,316	137,102	133,349	139,328	140,867	163,564	157,286	1,544,415
Canmore . . .	24,466	22,925	16,932	6,739	17,860	23,307	22,230	22,624	23,204	22,134	25,386	25,917	253,724
Brazeau	34,548	33,175	31,736	34,581	26,314	35,655	33,876	37,172	33,583	23,433	37,398	45,097	406,568
Jasper Park . .	18,935	17,691	24,955	19,893	18,352	14,077	6,687	10,349	17,489	21,540	74,491	25,188	219,647
Yellowhead P.	18,600	21,061	24,901	21,667	27,498	30,968	33,089	34,727	31,794	33,029	32,273	30,869	339,576
Mountain Pk.	21,672	34,017	20,544	14,963	11,405	12,743	16,819	17,301	14,069	13,809	21,600	23,380	222,322
Total . . .	251,415	260,868	212,198	162,611	216,041	251,066	249,803	255,522	259,467	254,812	304,712	307,737	2,986,252

The following table shows the total sales of BITUMINOUS NUT Coal in districts each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,204	2,219	1,532	1,747	1,590	2,386	2,129	5,448	3,757	3,122	2,858	3,193	33,185
Cannore	526	391	199	136	1,155	87	57	57	321	716	665	255	4,565
Brazeau	770	848	10	10	3	200	47	.....	.....	.....	496	.....	2,384
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	7,701	6,911	8,055	6,084	3,697	1,238	791	703	605	664	1,179	954	38,582
Mountain Pk.	.....	33	.....	31	.....	.....	.....	101	128	.....	71	.....	364
Total	12,201	10,402	9,796	8,008	6,445	3,911	3,024	6,309	4,811	4,502	5,269	4,402	79,080

The following table shows the total sales of BITUMINOUS SLACK Coal in districts each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	6,434	8,182	6,727	3,313	10,814	10,180	8,490	9,643	11,353	12,096	6,537	5,868	99,637
Cannore	.....	.....	.....	.....	999	1,360	.....	.....	.....	.....	.....	.....	2,359
Brazeau	.....	.....	800	1,169	1,101	.....	1,624	1,796	1,707	1,477	1,018	1,460	12,152
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	3,533	2,738	2,788	4,522	938	4,237	2,493	3,821	661	553	693	531	27,508
Mountain Pk.	.....	30	.....	.....	97	62	.....	.....	.....	.....	.....	.....	189
Total	9,967	10,950	10,315	8,004	13,949	15,839	12,607	15,260	13,721	14,136	8,248	7,859	141,845

The following table shows the total sales of ANTHRACITE LUMP Coal in districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	1,987	1,650	2,175	1,621	1,554	1,462	1,395	1,737	1,447	1,369	1,486	1,462	19,345

The following table shows the total sales of ANTHRACITE NUT Coal in districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	1,090	869	1,320	1,236	970	1,169	959	1,057	926	875	971	1,017	12,459

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The following table shows the amount of DOMESTIC LUMP Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec	Total
Pincher Creek	417	163	158	54	11	53	52	31	165	137	391	319	1,951
Lethbridge ..	16,774	9,911	13,839	12,499	9,823	9,590	10,271	11,013	12,293	14,528	17,656	15,799	153,996
Magrath	200	99	84	79	39	65	101	108	109	103	224	196	1,507
Milk River...	303	97	233	71	38	42	31	32	43	70	211	135	1,306
Taber	1,233	650	297	233	441	180	156	780	1,147	1,097	1,916	879	9,009
Bow Island...	291	339	293	246	148	243	147	102	185	746	1,192	501	4,633
Medicine Hat.	345	215	.....	.....	.....	.....	5	.....	549	539	1,142	376	3,171
Aldersyde ..	361	263	332	193	134	182	180	276	377	651	913	682	4,544
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	21,063	8,379	9,379	7,539	3,895	9,180	10,296	15,865	23,705	14,550	27,361	14,235	165,447
Big Valley ..	2,417	3,622	1,329	246	94	166	225	529	649	701	1,179	693	11,850
Brooks	811	625	388	232	198	352	212	317	594	1,162	1,790	1,305	7,986
Hanna	1,286	867	1,072	277	228	366	185	291	1,274	1,685	2,192	1,060	10,733
Lacombe	977	613	508	155	84	68	73	15	360	503	1,088	630	5,074
Trochu	1,441	467	309	248	254	162	273	222	338	202	945	719	5,580
Three Hills ..	1,960	1,122	1,258	641	500	264	288	586	1,567	2,218	2,251	1,294	13,949
Carbon	256	349	228	54	.....	.....	9	478	401	602	508	468	3,353
Battle River ..	1,094	1,167	713	.....	.....	.....	.....	.....	60	66	158	373	3,631
Camrose	5,116	2,002	2,116	1,260	392	780	391	1,488	3,099	3,517	5,756	4,440	30,407
Tofield	6,940	4,955	2,885	2,796	1,456	1,005	1,158	868	2,148	2,561	4,106	4,106	34,524
Clover Bar ..	22,415	13,543	13,337	10,170	4,708	3,302	4,086	8,957	12,153	14,829	16,837	20,480	144,817
Edmonton ..	6,500	3,413	3,233	1,873	718	454	285	1,452	2,835	3,522	4,280	6,359	34,924
Namoo	1,287	555	84	.....	.....	.....	.....	235	574	1,198	1,324	1,639	6,896
Cardiff	8,171	2,800	3,296	2,909	1,438	1,477	886	2,465	5,147	5,286	9,291	8,319	51,485
Wabamun ..	343	201	104	10	10	106	10	71	220	102	175	334	1,686
Pembina	2,569	1,136	3,408	2,905	2,444	451	897	1,861	3,431	2,046	2,830	2,742	26,720
Peace River..	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Total ..	104,600	57,553	58,933	44,690	27,053	28,488	30,217	48,142	73,623	72,621	105,256	88,083	739,259

The following table shows the amount of DOMESTIC RUN OF MINE Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	95	71	24	32	29	54	7	39	74	217	172	961
Lethbridge ..	72	82	35	24	.....	1	.....	13	.....	.....	34	32	293
Magrath .....	.....	12	60	2	.....	94	10	.....	63	.....	20	28	312
Milk River ..	452	478	232	149	120	146	38	120	252	313	929	815	4,044
Taber	534	80	398	439	304	339	270	254	358	724	1,045	801	5,546
Bow Island ..	129	116	84	28	40	40	58	7	149	87	101	98	937
Medicine Hat.	34	116	191	69	26	50	39	47	160	493	543	282	2,050
Aldersyde ...	239	309	260	204	84	256	113	126	226	391	602	418	3,228
High River ..	239	209	57	41	15	13	20	206	186	92	362	354	1,794
Drumheller ..	252	131	188	160	78	118	200	2,478	310	232	691	2,880	7,718
Big Valley ..	423	406	533	28	15	123	2,385	98	330	992	986	903	7,222
Brooks	675	879	197	146	118	246	121	148	559	691	1,124	960	5,864
Hanna	911	847	964	336	99	316	129	148	245	456	1,131	860	6,442
Lacombe	1,384	1,341	828	426	181	198	135	230	366	854	1,603	1,327	8,873
Trochu	799	1,086	735	323	99	168	109	125	432	634	2,189	1,234	7,933
Three Hills...	462	250	155	62	36	3	.....	.....	.....	.....	.....	78	1,046
Carbon	138	101	150	82	27	27	124	169	111	258	785	710	2,682
Battle River..	954	1,018	562	198	15	69	33	44	723	887	2,380	2,280	9,163
Camrose	36	99	180	107	64	31	139	19	76	45	326	220	1,342
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar ..	1,607	1,351	3,890	724	1,274	853	1,341	1,008	.....	368	72	146	12,634
Edmonton ...	118	42	378	185	407	465	353	348	.....	.....	29	15	2,340
Namoo	341	205	261	78	.....	.....	.....	.....	232	125	131	121	1,494
Cardiff	33	986	6,640	5,386	5,036	5,311	5,599	5,279	1,230	93	87	315	35,995
Wabamun .....	.....	.....	721	2,024	308	.....	31	142	220	147	141	.....	3,734
Pembina .....	.....	.....	.....	.....	.....	.....	2,599	.....	.....	.....	.....	.....	2,599
Peace River..	.....	.....	7	45	.....	.....	.....	.....	.....	.....	.....	.....	52
Total ...	9,979	10,239	17,777	11,290	8,382	8,896	13,900	11,016	6,267	7,975	15,528	15,049	136,298

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The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	8	108	88	53	.....	.....	12	33	252	86	96	56	792
Lethbridge ..	3,106	2,205	2,281	2,571	2,795	2,449	1,728	1,462	2,173	2,980	3,403	4,081	31,234
Magrath ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	10	6	58	45	30	40	70	75	80	190	62	33	699
Taber	436	96	111	101	174	.....	47	65	112	260	380	270	2,002
Bow Island ..	41	31	48	26	12	12	29	18	21	282	36	12	568
Medicine Hat.	36	21	2	.....	.....	.....	2	27	65	128	283	1	565
Aldersyde ..	.....	13	1	1	.....	1	2	31	2	3	5	.....	60
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	4,488	2,835	3,581	3,158	1,525	3,680	2,274	4,328	6,532	3,090	6,087	4,492	46,070
Big Valley ..	941	217	.....	26	.....	.....	.....	.....	468	9	.....	.....	1,661
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	1,439	1,143	706	348	168	298	161	656	513	1,370	1,352	938	9,092
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	4	.....	24
Trochu	86	142	91	20	.....	35	30	35	65	55	82	301	942
Three Hills ..	310	277	133	68	61	62	114	131	323	365	375	204	2,423
Carbon	166	226	485	100	371	187	.....	.....	63	.....	.....	.....	1,598
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	1,140	508	646	570	135	656	52	745	1,251	1,275	1,639	1,664	10,281
Tofield	50	25	30	10	.....	.....	10	.....	15	25	35	70	270
Clover Bar	8,468	5,321	7,345	8,043	4,681	3,396	2,144	2,443	4,463	5,057	5,532	8,281	65,174
Edmonton	3,499	2,314	2,767	3,101	1,559	1,193	802	1,185	2,800	3,253	2,809	3,326	28,608
Namoo	320	414	47	.....	.....	.....	.....	351	509	752	1,204	751	4,348
Cardiff	2,258	1,126	1,248	792	228	316	342	990	2,571	2,892	3,320	3,683	19,764
Wabamun	411	105	.....	.....	.....	26	91	127	190	249	129	505	1,833
Pembina	2,183	2,485	2,135	1,391	2,752	5,459	1,947	6,085	2,293	2,248	1,909	2,696	33,583
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	29,396	19,618	21,803	20,424	14,490	17,810	9,857	18,787	24,761	24,589	28,742	31,364	261,641

The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	319	245	149	5	3	99	118	26	179	195	379	204	1,921
Lethbridge ..	4,104	1,569	4,272	3,114	2,928	2,033	1,183	1,080	1,352	2,586	3,496	4,124	31,841
Magrath ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	693	120	30	.....	.....	44	258	156	136	44	.....	.....	3
Bow Island ..	.....	.....	.....	5	7	4	4	.....	.....	16	14	4	1,481
Medicine Hat.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	58
Aldersyde ..	17	.....	10	13	12	6	20	.....	44	43	52	39	40
High River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	256
Drumheller ..	5,458	2,991	3,384	3,008	2,207	5,337	3,399	3,993	6,690	4,107	9,119	6,823	57,016
Big Valley ..	259	170	470	5	2	1	79	130	.....	204	746	288	2,354
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	3
Hanna .....	.....	62	72	3	.....	.....	.....	3	40	64	112	103	459
Lacombe	50	100	83	26	18	13	30	13	41	.....	40	43	427
Trochu	28	31	32	32	.....	.....	30	.....	30	.....	40	232	455
Three Hills ..	.....	.....	207	.....	140	.....	96	60	145	106	.....	.....	754
Carbon	62	81	55	12	.....	.....	.....	16	30	30	.....	.....	286
Battle River..	.....	27	.....	.....	.....	.....	.....	.....	13	25	.....	.....	65
Camrose	1,160	496	575	540	129	223	77	314	466	504	563	779	5,826
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar ..	6,709	4,317	5,108	4,602	2,238	1,999	1,939	3,267	4,737	6,397	6,905	7,856	56,074
Edmonton ...	2,940	1,727	1,948	1,618	936	631	682	876	1,497	1,708	1,688	2,704	18,955
Namoo .....	.....	.....	24	.....	.....	.....	.....	82	105	392	336	195	1,267
Cardiff	4,243	1,641	3,252	2,831	2,027	2,168	2,146	3,258	3,634	3,783	5,217	4,795	38,985
Wabamun ...	2,311	746	.....	.....	37	108	802	1,150	1,314	1,411	2,025	1,412	11,316
Pembina	130	320	73	165	.....	.....	.....	.....	882	789	1,049	197	3,605
Peace River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	28,483	14,716	20,247	15,979	10,984	12,666	10,833	14,428	21,336	22,404	31,823	29,798	233,397

The following table shows the amount of BITUMINOUS LUMP Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	799	413	80	164	123	125	385	209	736	907	1,074	770	5,785
Canmore	.....	.....	.....	.....	94	45	34	32	.....	.....	.....	.....	205
Brazeau	697	470	240	580	565	742	588	959	1,123	1,010	1,126	714	8,814
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	578	125	129	107	10	.....	61	159	179	285	106	15	1,754
Mountain Pk.	49	77	30	35	27	14	17	20	65	93	97	.....	524
Total ...	2,123	1,085	479	886	819	926	1,085	1,379	2,103	2,295	2,403	1,499	17,082

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	107,322	118,358	83,644	53,030	92,903	113,220	109,692	97,500	106,012	116,651	145,526	138,185	1,282,043
Canmore	24,060	22,451	16,745	6,465	17,361	22,549	21,185	20,866	21,753	21,939	24,811	25,264	245,449
Brazeau	34,075	32,809	31,587	34,581	26,314	35,562	33,845	37,041	33,550	23,396	37,398	45,097	405,255
Jasper Park	18,935	17,691	24,955	19,893	18,323	12,692	5,009	9,194	16,173	20,336	23,219	24,771	211,191
Yellowhead P.	17,696	21,061	23,848	21,490	27,179	30,967	32,485	31,681	31,827	31,827	28,833	28,821	324,349
Mountain Pk.	6,636	31,279	13,803	14,246	11,145	12,309	14,263	13,978	11,324	12,019	20,038	22,837	183,877
Total ...	208,724	243,649	194,582	149,705	193,225	227,299	216,479	210,260	217,273	226,168	279,825	284,975	2,652,164

The following table shows the amount of BITUMINOUS NUT Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	473	1,003	636	160	358	562	524	2,014	1,348	490	456	599	8,623
Canmore	247	168	199	136	88	87	57	57	212	127	222	255	1,855
Brazeau	185	160	10	10	3	200	.....	.....	.....	.....	.....	.....	568
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	7,086	6,494	7,795	5,675	3,085	647	430	193	375	407	104	358	32,647
Mountain Pk.	.....	.....	.....	31	.....	.....	.....	99	96	.....	71	.....	297
Total ...	7,991	7,825	8,640	6,012	3,534	1,496	1,011	2,363	2,031	1,022	853	1,212	43,990

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,567	2,794	3,472	2,543	5,749	4,451	2,916	3,770	4,266	2,569	1,116	1,058	36,271
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	38	182	254	24	255	187	334	54	73	30	1,431
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	2,770	2,738	2,581	4,273	94	3,722	1,879	3,514	59	67	.....	.....	21,697
Mountain Pk.	.....	.....	.....	.....	97	.....	.....	.....	.....	.....	.....	.....	97
Total ...	4,337	5,532	6,091	6,998	6,198	8,197	5,050	7,471	4,659	2,690	1,189	1,088	59,496

The following table shows the amount of BITUMINOUS Coal sold each month to Railroad Companies in Alberta :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	101,034	117,336	75,602	46,822	87,467	107,878	103,064	85,694	94,483	108,817	140,462	132,227	1,200,886
Canmore	23,282	21,679	16,279	5,922	16,331	21,675	19,804	18,640	19,042	20,445	24,048	24,652	231,799
Brazeau	33,086	32,141	30,927	34,425	25,804	34,588	32,913	36,527	32,937	22,805	36,807	44,493	397,433
Jasper Park . .	11,970	17,605	24,858	19,817	18,288	12,676	5,001	9,180	16,138	20,262	23,101	24,604	203,500
Yellowhead P.	26,763	21,463	23,379	19,206	26,730	29,562	28,065	31,102	21,768	28,484	27,125	26,029	309,676
Mountain Pk.	6,487	31,150	13,580	13,618	10,878	12,157	14,004	13,850	11,214	11,866	19,803	22,606	181,213
Total . . .	202,622	241,374	186,959	139,810	185,498	218,516	202,851	194,993	195,582	212,679	271,346	274,611	2,524,507

The following table shows the amount of ANTHRACITE LUMP Coal sold each month for consumption in Alberta :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	1,042	951	1,926	871	698	1,171	878	1,226	902	978	842	704	2,189

The following table shows the amount of ANTHRACITE NUT Coal sold each month for consumption in Alberta :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	593	664	1,203	954	744	710	437	499	521	570	715	631	8,241

The following table shows the amount of ANTHRACITE Coal sold each month for domestic consumption by employees:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	10	9	6	8	6	2	.....	.....	1	8	12	15	77

The following table shows the amount of ANTHRACITE Railroad Coal sold each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	452	895	2,360	946	833	1,345	824	798	438	357	234	566	10,048

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The following table shows the amount of DOMESTIC LUMP Coal sold during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	...	...	...	...	...	...	1,090	682	711	1,083	1,138	2,643	15,455
Lethbridge ..	2,774	930	1,176	700	1,025	1,503	...	...	...	...	...	...	...
Magrath .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ..	...	...	...	...	46	125	45	183	354	1,144	797	782	4,227
Taber	751	...	...	...	...	...	...	...	...	...	...	...	...
Bow Island ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat.	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde ..	...	...	...	...	...	...	...	...	...	...	...	...	...
High River ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ..	951	1,289	178	149	167	640	601	684	1,173	781	2,056	962	9,631
Big Valley ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Brooks .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacombe .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Hills ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Battle River ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Tofield .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Clover Bar ..	710	...	33	...	...	373	...	31	...	32	61	71	1,311
Edmonton ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff .....	...	...	...	...	...	...	...	...	33	...	193	39	265
Wabamun ..	...	...	...	...	...	57	...	...	...	...	30	30	117
Pembina	197	107	145	32	31	65	127	195	281	903	1,632	1,525	5,240
Peace River..	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	5,383	2,326	1,532	881	1,269	2,763	1,863	1,775	2,552	3,943	5,907	6,052	36,246

The following table shows the amount of DOMESTIC RUN OF MINE Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
High River....
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River..
Camrose
Tofield
Glover Bar
Edmonton
Namoo
Cardiff
Wabamun	163	.....	.....	162	.....	.....	135	77	265	109	.....	911
Pembina	680
Peace River..
Total	163	.....	.....	162	.....	680	135	77	265	109	.....	1,591

The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	828	137	32	65	253	175	152	352	372	538	682	691	4,277
Lethbridge
Magrath
Milk River	173	47	.....	33	70	252	79	754
Taber	67	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island
Medicine Hat
Aldersyde
High River
Drumheller	577	151	64	32	134	267	252	168	434	799	828	212	3,918
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar	40	.....	29	.....	.....	.....	.....	.....	.....	69
Edmonton
Nanaimo
Cardiff	33	.....	33
Wabunan	160	.....	.....	.....	.....	.....	.....	.....	.....	180	355	695
Pembina	770	704	132	329	1,190	1,659	88	30	154	218	808	418	6,500
Peace River
Total	2,242	1,152	261	466	1,577	2,303	539	550	993	1,625	2,783	1,755	16,240

The following table shows the amount of BITUMINOUS LUMP Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	394	81	66	33	208	273	240	270	156	533	405	328	2,987
Canmore	.....	.....	.....	.....	.....	.....	.....	40	.....	32	.....	.....	72
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	192	296	127	159	252	229	262	81	114	49	387	227	2,375
Mountain Pk.	.....	.....	.....	.....	.....	35	.....	.....	.....	.....	241	466	742
Total ...	586	377	193	192	460	537	502	391	270	614	1,033	1,021	6,176

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,586	3,125	3,101	1,663	2,745	2,499	2,030	2,685	3,918	3,793	2,580	2,443	36,168
Canmore	66	88	44	81	48	33	125	66	250	128	307	507	1,743
Brazeau	.....	.....	.....	.....	.....	1,385	.....	1,155	33	.....	.....	.....	2,573
Jasper Park	.....	.....	.....	.....	29	.....	1,678	.....	1,216	1,204	1,272	417	5,816
Yellowhead P.	111	.....	33	75	123	256	376	1,001	600	534	2,317	1,058	6,484
Mountain Pk.	128	220	.....	32	63	30	.....	95	75	.....	.....	.....	643
Total ...	5,891	3,433	3,178	1,851	3,008	4,203	4,209	5,002	6,092	5,659	6,476	4,425	53,427

The following table shows the amount of BITUMINOUS NUT Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	266	.....	1	570	.....	93	.....	33	113	386	605	593	2,660
Canmore	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	.....	71
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	128	.....	195	254	264	130	167	263	135	50	223	73	2,043
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	2
Total ...	426	161	196	824	264	223	167	298	248	436	867	666	4,776

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	.....	.....	.....	.....	.....	.....	.....	381	.....	.....	33	.....	414
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	727	.....	177	189	817	323	426	153	387	486	693	442	4,820
Mountain Pk.	.....	.....	.....	.....	.....	62	.....	.....	.....	.....	.....	.....	62
Total ...	727	.....	177	189	817	385	426	534	387	486	726	442	5,296

The following table shows the amount of ANTHRACITE LUMP Coal sold each month for consumption in British Columbia :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	538	333	119	425	452	291	199	295	278	293	416	430	4,069

The following table shows the amount of ANTHRACITE NUT Coal sold each month for consumption in British Columbia :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	290	82	84	83	75	.....	32	19	41	124	32	128	990

The following table shows the amount of DOMESTIC LUMP Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	36,482	24,012	24,022	24,985	23,823	30,646	30,448	21,945	29,027	25,234	37,874	45,513	354,011
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	7,682	723	1,413	1,322	730	2,799	3,750	4,843	4,604	5,154	7,648	5,575	46,243
Taber	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	773	420	43	30	37	.....	175	426	271	421	1,066	502	4,164
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	55,137	16,711	14,698	14,139	17,087	28,221	33,627	38,583	48,357	26,363	67,984	49,596	410,501
Big Valley	390	31	.....	.....	.....	.....	.....	288	472	1,207	737	901	4,206
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	749	.....	.....	.....	.....	.....	.....	.....	.....	.....	93	.....	842
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	257	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	1,856	569	200	159	98	.....	33	1,165	1,123	1,040	1,581	1,459	9,381
Tofield	3,303	1,266	192	33	97	.....	163	841	1,309	2,485	3,476	2,833	15,908
Clover Bar	4,339	2,577	1,846	1,027	29	170	594	1,477	2,244	3,101	2,588	2,707	22,699
Edmonton	225	.....	.....	.....	.....	.....	.....	62	32	72	72	.....	463
Namoo	99	80	33	.....	.....	.....	.....	316	173	292	116	30	1,139
Cardiff	1,816	204	174	159	.....	130	259	943	2,040	1,367	2,024	1,483	10,599
Wabamun	810	65	.....	.....	.....	.....	62	133	145	316	426	419	2,376
Pembina	1,198	129	31	30	32	95	798	1,476	1,128	1,129	1,685	751	8,482
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	115,149	46,817	42,652	41,884	41,933	62,159	69,909	72,498	90,990	68,213	127,575	112,130	891,907

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The following table shows the amount of DOMESTIC RUN OF MINE Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat.	307	91	86	150	43	.....	.....	.....	.....	.....	152	43	872
Aldersyde
High River
Drumheller ..	136	124	102	44	79	244	.....	6,372	268	98	182	6,559	14,208
Big Valley	3,663	3,896	3,806	3,568	4,612	19,545
Brooks
Hanna
Lacombe
Trochu	63	.....	63
Three Hills
Carbon
Battle River
Camrose	460	353	656	375	681	566	119	261	369	264	396	503	5,003
Tofield
Clover Bar
Edmonton	690	.....	317	.....	.....	.....	.....	.....	.....	.....	.....	317
Namoo	157	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	690
Cardiff	76	196	244	65	120	120	349	.....	.....	.....	157
Wabamun	224	288	33	135	150	.....	1,170
Pembina	735	.....	.....	.....	.....	.....	830
Peace River	735
Total ...	1,060	1,258	920	1,082	1,047	875	1,198	10,704	4,915	4,303	4,511	11,717	43,590

The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	5,465	4,177	1,550	1,769	1,560	2,274	799	1,772	5,139	1,449	4,816	3,439	34,209
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	763	157	360	417	685	459	840	539	112	98	66	407	4,903
Taber	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	43	.....	.....	.....	.....	.....	100	224	214	156	428	313	1,478
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	11,467	3,809	4,447	4,042	4,038	5,363	5,777	7,693	7,473	3,102	8,748	5,396	71,278
Big Valley	.....	.....	.....	.....	.....	.....	.....	154	.....	.....	.....	.....	154
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	160	.....	60	.....	.....	.....	.....	30	.....	.....	.....	64	314
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
Carbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	946	342	388	189	32	33	.....	228	69	224	427	223	3,101
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	619	236	195	609	123	30	89	234	231	356	366	286	3,374
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	71	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	.....	109
Cardiff	186	146	30	.....	.....	.....	.....	283	.....	63	959	819	2,518
Wabamun	260	97	96	31	.....	30	29	160	349	293	403	338	2,086
Pembina	628	1,345	1,091	1,367	936	1,160	438	718	541	1,139	785	1,810	11,958
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	20,669	20,309	8,217	8,424	7,374	9,381	8,072	12,073	14,128	6,880	16,998	13,095	135,543

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The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,512	1,637	2,324	1,846	780	....	....	41	....	....	8,140
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat.
Aldersyde
High River...
Drumheller ..	6,830	1,922	2,153	1,896	2,610	4,272	4,426	6,318	4,674	2,719	8,070	6,445	52,412
Big Valley	32	....	....	....	17	204	253
Brooks
Hanna
Lacombe
Trochu
Three Hills..	32	....	32
Carbon
Battle River
Camrose	695	800	....	....	....	....	....	....	32	1,527
Tofield
Clover Bar	33	....	32	....	....	....	....	65
Edmonton ..	500	....	....	....	....	....	....	....	....	....	....	....	500
Namoo
Cardiff	60	....	....	....	....	26	128	65	....	....	60
Wabamun	219
Pembina	30	30
Peace River
Total ...	7,330	1,922	3,725	4,228	5,734	6,151	5,238	6,376	4,802	2,825	8,119	6,711	63,238

The following table shows the amount of BITUMINOUS LUMP Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	716	48	113	47	731	390	604	684	1,395	589	405	327	6,049
Canmore	...	34	...	...	31	31	...	...	...	...	29	154	...
Brazeau	832	511	419	702	832	831	848	1,627	987	385	811	874	9,659
Jasper Park	...	...	...	...	...	...	...	...	...	...	...	...	...
Yellowhead P.	913	300	128	308	828	655	582	580	498	626	892	276	6,586
Mountain Pk.	...	...	...	...	158	64	99	415	477	230	163	98	1,704
Total ...	2,461	893	660	1,057	2,580	1,971	2,133	3,306	3,357	1,830	2,300	1,604	24,152

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,380	1,927	3,614	3,253	3,047	4,124	5,159	11,755	8,360	4,013	4,572	3,506	56,710
Canmore	307	386	143	193	286	304	560	1,659	1,168	34	175	112	5,327
Brazeau	473	366	149	...	...	93	31	131	...	...	...	...	1,243
Jasper Park	...	...	...	...	...	...	...	...	...	...	...	...	...
Yellowhead P.	588	...	78	68	40	33	35	1,067	27	478	141	35	2,590
Mountain Pk.	14,051	702	5,673	507	130	226	1,181	1,286	1,449	1,078	803	449	27,535
Total ...	18,799	3,381	9,657	4,021	3,503	4,780	6,966	15,898	11,004	5,603	5,691	4,102	93,405

The following table shows the amount of BITUMINOUS NUT Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,003	1,081	895	146	868	494	1,264	2,566	1,541	1,377	1,223	1,568	15,026
Canmore	247	223	.....	.....	1,067	.....	.....	.....	109	589	404	.....	2,639
Brazeau	585	200	.....	.....	.....	.....	47	.....	.....	.....	.....	.....	832
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	190	60	65	155	286	142	127	247	95	147	219	169	1,902
Mountain Pk.	.....	33	.....	.....	.....	.....	.....	.....	32	.....	.....	.....	65
Total ...	3,025	1,597	960	301	2,221	636	1,438	2,813	1,777	2,113	1,846	1,737	20,464

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,745	2,175	2,577	485	3,601	2,350	2,601	1,447	2,516	3,652	3,136	1,816	28,101
Canmore	.....	.....	.....	.....	999	.....	.....	.....	.....	.....	.....	.....	999
Brazeau	.....	.....	762	987	540	437	1,119	1,119	.....	.....	.....	90	3,935
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	.....	.....	.....	.....	.....	64	.....	.....	.....	.....	.....	89	153
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	1,745	2,175	3,339	1,472	5,140	3,851	2,601	2,566	2,516	3,552	3,136	1,995	33,188

The following table shows the amount of ANTHRACITE LUMP Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	407	331	86	200	202	.....	34	144	203	33	160	201	2,001

The following table shows the amount of ANTHRACITE NUT Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	207	83	199	115	335	389	507	293	118	152	258	2,656

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The following table shows the amount of DOMESTIC LUMP Coal sold each month for consumption in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	8,931	11,463	4,338	4,426	4,267	6,151	6,437	4,512	4,782	4,899	6,716	10,636	77,558
Lethbridge ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	2,246	402	294	402	1,716	1,217	1,524	182	127	179	1,935	1,032	11,256
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island ..	910	38	.....	28	.....	.....	30	95	.....	.....	271	.....	1,372
Medicine Hat.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ..	26,634	11,809	8,248	3,756	12,476	23,417	21,609	19,537	17,832	12,059	30,102	30,813	218,292
Big Valley ..	422	.....	.....	.....	.....	.....	416	306	451	888	1,033	902	4,418
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	39	33	.....	.....	.....	.....	.....	.....	.....	.....	64	.....	136
Lacombe	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	67
Trechu .....	.....	91	111	.....	30	91	132	123	.....	157	.....	622	1,479
Three Hills ..	1,602	653	256	.....	74	97	428	596	544	464	.....	1,393	7,337
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	139	.....	.....	.....	.....	60	.....	309	167	268	150	185	1,278
Tofield	369	.....	32	.....	.....	.....	.....	131	138	165	270	179	1,284
Clover Bar ..	507	753	231	95	123	158	94	603	671	878	400	1,078	5,591
Edmonton ..	249	48	.....	.....	.....	.....	77	.....	41	40	.....	.....	455
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	65
Cardiff	476	107	.....	.....	.....	.....	377	485	264	331	241	32	2,313
Wabamun ..	201	39	.....	.....	.....	.....	30	.....	87	87	256	159	782
Pembina	2,999	1,887	711	162	166	289	819	882	713	1,900	1,965	2,588	15,081
Peace River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	45,755	27,323	14,221	8,869	18,852	31,480	31,973	27,761	25,730	22,325	44,820	49,655	348,764

The following table shows the amount of DOMESTIC RUN OF MINE Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
High River	33	1,719	....	....	231	3,584	5,567
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu	87	60	98	64	407	43	612
Three Hills	147
Carbon
Battle River	40	40
Camrose
Tofield
Clover Bar
Edmonton
Namoo	30	....	....	....	....	30
Cardiff	126	37	44	207
Wabamun	706	706
Pembina
Peace River
Total	952	1,809	98	101	682	3,667	7,309

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The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	766	121	865	95	161	1,282	550	517	1,260	404	468	338	6,827
Lethbridge ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	821	46	33	65	65	380	80	494	131	263	627	131	3,136
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island...	115	.....	.....	.....	.....	.....	.....	36	.....	.....	43	.....	194
Medicine Hat.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River...	5,359	1,965	1,118	973	1,386	4,171	5,623	6,100	4,410	2,371	7,974	7,162	48,612
Drumheller ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	32	62
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	258	53	65	.....	.....	.....	33	150	198	39	.....	96	168
Three Hills...	.....	.....	.....	.....	.....	.....	31	.....	.....	97	359	408	1,619
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canrose	99	.....	.....	.....	.....	.....	.....	.....	.....	30	32	.....	161
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar ..	786	34	.....	58	254	164	165	217	351	626	938	336	3,919
Edmonton ..	430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	430
Nanao	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Cardiff	101	.....	.....	.....	.....	35	.....	.....	.....	33	33	30	232
Wabamun ..	347	.....	.....	.....	.....	.....	.....	32	.....	67	276	265	987
Pembina	1,138	423	503	253	62	69	65	1,602	1,252	762	1,478	1,014	8,611
Peace River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	10,251	2,642	2,584	1,448	1,928	6,101	6,537	9,178	7,602	4,682	12,228	8,812	74,989

The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge	45	49	203	303	.....	.....	.....	.....	.....	.....	.....	.....
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
High River
Drumheller	925	555	532	102	587	1,402	1,510	2,009	862	.....	1,615	15,961
Big Valley	74	.....	.....	.....	.....	30	104
Brooks
Hanna
Lacombe
Trochu
Three Hills ..	34	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
Carbon
Battle River
Camrose	33	.....	.....	.....	.....	.....	.....	.....	.....	33
Tofield
Clover Bar	60	.....	.....	.....	.....	.....	31	.....	.....	91
Edmonton	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Namoo
Cardiff
Wabamun
Wabamun
Pembina	351	645	1,081	493	641	480	462	1,316	203	723	521	1,539	8,455
Peace River
Total ..	4,392	1,639	1,685	1,321	1,046	1,067	1,938	2,826	2,212	1,616	2,416	3,184	25,342

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The following table shows the amount of BITUMINOUS LUMP Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	192	33	.....	.....	433	548	939	1,206	381	619	479	307	5,137
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	33
Brazeau .....	.....	.....	.....	.....	31	288	635	.....	492	494	599	1,100	3,639
Jasper Park ..	.....	.....	.....	.....	.....	192	100	.....	.....	320	1,028	1,354	4,973
Yellowhead P.	756	669	221	162	.....	625	525	703	383	439	321	95	3,469
Mountain Pk.	.....	.....	.....	.....	378	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	948	702	221	162	842	1,653	2,199	2,080	1,256	1,905	2,427	2,856	17,251

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	313	273	460	3,041	8,287	6,559	12,199	12,178	9,942	7,825	4,157	3,883	69,117
Canmore	33	.....	.....	.....	165	421	360	33	33	33	93	34	1,205
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....	37
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	205	.....	42	34	156	32	193	978	2,706	190	982	955	6,473
Mountain Pk.	857	1,816	1,068	178	67	178	1,375	1,942	1,251	712	759	94	10,267
Total ...	1,408	2,089	1,570	3,253	8,675	7,158	14,127	15,131	13,902	8,797	5,991	4,966	87,099

The following table shows the amount of BITUMINOUS NUT Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	.....	47	.....	783	141	1,080	297	769	755	664	541	433	5,510
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	488	.....	.....	.....	.....	.....	.....	.....	.....	496	.....	984
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	297	196	.....	.....	62	63	67	.....	.....	62	633	354	1,734
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	297	731	.....	783	203	1,143	364	769	755	726	1,670	787	8,228

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	157	165	198	113	479	2,506	2,467	3,484	3,832	3,937	1,342	2,994	21,674
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	307	899	1,369	490	1,373	1,423	945	1,340	8,146
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	36	.....	30	60	27	64	188	154	215	.....	.....	.....	774
Mountain Pk.	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Total ...	193	195	228	173	813	3,469	4,024	4,128	5,420	5,360	2,287	4,334	30,624

The following table shows the amount of ANTHRACITE LUMP Coal sold each month for consumption in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	44	125	202	284	.....	42	64	65	68	127	1,021

The following table shows the amount of ANTHRACITE NUT Coal sold each month for consumption in Manitoba :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	30	33	.....	.....	124	41	32	42	33	.....	.....	335

The following table shows the amount of DOMESTIC LUMP Coal sold each month for consumption in Ontario :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	121	152	.....	.....	95	.....	368
Lethbridge
Magrath
Milk River...	46	.....	.....	.....	.....	.....	.....	46	.....	.....	46	.....	184
Taber
Bow Island...
Medicine Hat.
Aldersyde
High River..
Drumheller ..	76	.....	.....	.....	.....	32	157	217	585	318	1,070	956	3,411
Big Valley	64	64
Brooks
Hanna
Lacombe
Trochu
Three Hills...
Carbon
Battle River..
Camrose	64	.....	64
Tofield
Clover Bar	40	.....	.....	.....	40
Edmonton
Namoo	31	.....	.....	.....	30	61
Cardiff
Wabamun
Pembina	127	.....	33	.....	.....	38	198
Peace River..
Total ...	122	.....	.....	.....	.....	32	405	446	658	318	1,275	1,134	4,390

The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	113	....	140	47	91	128	519
Lethbridge
Magrath
Milk River...	145	145	159	1,219	496	178	2,197
Taber
Bow Island...
Medicine Hat.
Aldersyde
High River...	42	628	1,038	337	2,099	1,276	5,453
Drumheller	33	....	....	....	....	....	....	....
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills...
Carbon
Battle River..
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River..
Total	33	300	773	1,337	1,603	2,686	1,582	8,169

The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in Ontario :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River...
Taber
Bow Island...
Medicine Hat.
Aldersyde
High River	146	267	68	140	....	....	621
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills...
Carbon
Battle River..
Camrose
Tofield
Clover Bar...
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River
Total	146	267	68	140	....	....	621

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	230	....	94	106	....	....	....	....	430
Canmore
Brazeau
Jasper Park..	100	....	....	....	100
Yellowhead P.
Mountain Pk.
Total	230	....	94	106	100	....	....	....	530

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	100	....	....	....	....	....	100
Canmore
Brazeau
Jasper Park..
Yellowhead P.
Mountain Pk.
Total	100	....	....	....	....	....	100

The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in Quebec:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
High River...	30	....	....	30
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills...
Carbon
Battle River..
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wahamun
Pembina
Peace River..
Total	30	....	....	30

The following table shows the amount of DOMESTIC LUMP Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	61	222	33	.....	.....	64	42	112	123	78	.....	735
Lethbridge
Magrath	18	.....	2	8	.....	.....	.....	.....	.....	40	30	35	133
Milk River...	341	.....	.....	.....	.....	98	.....	294	986	915	262	109	3,005
Taber
Bow Island...	87	.....	87
Medicine Hat.
Aldersyde
High River	31	78	74	90	33	254	639
Drumheller	37	42	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River...
Total ...	359	61	224	78	42	98	95	414	1,172	1,168	490	398	4,599

The following table shows the amount of DOMESTIC RUN OF MINE Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
Lethbridge
Magrath
Milk River	6	.....	.....	.....	.....	.....	.....	10	.....	27	.....	43
Taber
Bow Island
Medicine Hat
Aldersyde
High River
Drumheller
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River
Total	6	.....	.....	.....	.....	.....	.....	10	.....	27	.....	43

The following table shows the amount of DOMESTIC NUT Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	132	1,500	.....	.....	640	98	215	544	641	299	4,069
Lethbridge
Magrath
Milk River...
Taber	750	176	.....	.....	.....	47	258	806	1,276	743	6	11	23
Bow Island...	1,296	7,587
Medicine Hat	30	30
Aldersyde
High River
Drumheller	33	.....	.....	.....	65
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River
Total	750	176	132	1,500	.....	47	808	904	1,524	1,325	2,882	1,636	11,774

The following table shows the amount of DOMESTIC SLACK Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	443	685	1,840	4,906	1,226	3,412	4,092	3,748	20,494
Lethbridge	48	94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath
Milk River...
Taber	145	.....	.....	.....	.....	.....	.....	32	202	268	103	.....	750
Bow Island
Medicine Hat.
Aldersyde
High River
Drumheller	30	.....	.....	.....	68	.....	.....	30	30	.....	.....	233
Big Valley ..	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks
Hanna
Lacombe
Trochu
Three Hills...
Carbon
Battle River..
Camrose
Tofield
Clover Bar
Edmonton
Namoo
Cardiff
Wabamun
Pembina
Peace River..
Total	220	78	94	.....	443	753	1,840	4,938	1,458	3,710	4,195	3,748	21,477

The following table shows the amount of BITUMINOUS LUMP Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	165	198	.....	65	410	154	.....	33	1,025
Canmore
Brazeau
Jasper Park...
Yellowhead P.
Mountain Pk.
Total	165	198	.....	65	410	154	.....	33	1,025

The following table shows the amount of BITUMINOUS RUN OF MINE Coal sold each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	16,593	8,316	3,211	3,781	7,400	7,914	7,928	9,125	11,096	8,585	6,729	9,269	99,947
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	16,593	8,316	3,211	3,781	7,400	7,914	7,928	9,125	11,096	8,585	6,729	9,269	99,947

The following table shows the amount of BITUMINOUS NUT Coal sold each month for consumption in United States :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	462	88	.....	88	223	157	44	66	.....	205	33	.....	1,366
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	462	88	.....	88	223	157	44	66	.....	205	33	.....	1,366

The following table shows the amount of BITUMINOUS SLACK Coal sold each month for consumption in United States :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,965	3,048	480	172	985	873	406	561	739	1,938	910	.....	13,077
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	2,965	3,048	480	172	985	873	406	561	739	1,938	910	.....	13,077

The following table shows the amount of ANTHRACITE LUMP Coal sold each month for consumption in United States :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	35	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	65

The following table shows the amount of ANTHRACITE NUT Coal sold each month for consumption in United States :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	10	36	60	29	30	72	237

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The following table shows the amount of DOMESTIC Coal sold each month for domestic consumption by employees:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	2	20	15	737	306	387	288	366	906	1,023	1,131	1,476	51
Lethbridge	1,643	953	991	2	5	1	1	1	1	1	29	13	10,207
Magrath	4	2	2	1	1	1	1	1	116	245	309	365	88
Milk River	17	16	7	155	97	71	101	67	1	9	2	3	2,192
Taber	336	151	179	1	1	1	1	1	1	1	6	7	365
Bow Island	14	15	1	2	1	1	1	2	2	3	1	1	40
Medicine Hat	.....	3	3	4	2	1	1	1	1	1	1	1	18
Aldersyde	.....	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
High River	.....	545	672	405	192	241	213	316	433	583	1,285	1,461	7,383
Drumheller	1,037	31	.....	.....	.....	.....	.....	.....	5	6	6	10	58
Big Valley	.....	14	9	3	64	2	.....	2	2	15	58	16	207
Brooks	22	76	63	32	23	21	8	.....	8	12	28	37	386
Hanna	82	107	83	.....	.....	.....	7	.....	.....	.....	10	17	273
Lacombe	56	14	16	5	.....	.....	.....	.....	9	.....	1	15	83
Trochu	16	17	11	7	5	.....	.....	.....	3	.....	98	12	184
Three Hills	31	9	62	1	.....	.....	2	.....	5	2	16	23	123
Carbon	5	58	8	4	2	2	2	2	3	.....	7	14	136
Battle River	34	25	26	10	2	2	.....	.....	4	17	163	152	512
Camrose	111	102	78	29	11	12	10	10	14	22	13	130	531
Tofield	100	102	292	179	95	50	35	126	310	281	355	534	3,064
Clover Bar	516	291	210	202	114	115	66	133	221	294	287	442	2,933
Edmonton	516	333	210	202	114	115	66	11	5	149	8	166	191
Nanao	.....	7	3	.....	.....	.....	.....	18	60	73	157	166	759
Cardiff	78	50	66	37	11	17	26	10	15	15	12	28	207
Wabamun	67	10	10	10	10	10	10	10	103	100	134	150	958
Pembina	139	83	96	61	30	21	16	25	.....	.....	.....	.....	.....
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,826	2,937	2,906	1,886	971	955	780	1,095	2,228	2,859	4,115	5,079	30,637

The following table shows the amount of BITUMINOUS Coal sold during each month for domestic consumption by employees :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,260	955	1,054	593	553	370	279	409	1,193	1,112	1,284	1,411	10,473
Canmore	203	132	160	110	69	51	48	44	148	110	182	217	1,474
Brazeau	123	162	134	128	52	47	35	25	80	163	230	224	1,403
Jasper Park...	149	86	96	76	.....	16	8	14	35	73	118	167	838
Yellowhead P.	168	133	88	84	18	10	13	47	44	.....	265	265	1,135
Mountain Pk.	199	206	146	118	166	70	52	55	111	149	203	231	1,706
Total ...	2,102	1,674	1,678	1,109	858	564	435	594	1,611	1,607	2,282	2,515	17,029

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	10	9	6	8	6	2	.....	.....	1	8	12	15	77
Briquettes ...	139	87	127	84	66	62	31	48	77	92	131	153	1,097

The following table shows the amount of DOMESTIC Coal used each month under Colliery Boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	7,204	6,210	6,191	6,827	6,807	7,085	6,940	6,622	7,053	7,106	7,671	7,901	83,617
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	2,302	1,427	1,344	1,009	1,111	1,365	1,440	1,492	1,640	1,975	2,190	1,555	18,850
Taber	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island	2	2	2	2	1	1	1	1	1	1	115	33	162
Medicine Hat	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	4,496	3,220	3,219	3,185	2,812	3,605	3,852	4,205	4,355	4,056	4,554	4,522	46,281
Big Valley	100	.....	100	.....	.....	.....	.....	50	50	50	50	50	450
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	98	87	64	90	60	48	13	13	17	18	24	36	568
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	72	59	55	53	52	56	55	47	85	120	114	152	920
Three Hills	333	245	265	185	241	92	183	215	280	320	360	365	3,084
Carbon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	204	159	163	154	90	99	50	156	160	217	223	221	1,896
Tofield	40	45	40	30	10	100	115	100	120	130	130	10	870
Glover Bar	2,240	1,970	2,283	1,922	1,540	1,246	1,620	2,250	2,440	2,560	2,048	2,580	24,699
Edmonton	1,282	1,111	991	833	474	432	381	463	824	820	824	792	9,227
Namoo	70	39	19	.....	.....	30	.....	30	25	35	69	195	512
Cardiff	708	1,001	842	796	791	794	819	913	899	826	1,022	1,086	10,497
Wabamun	210	120	124	150	155	150	155	155	160	170	240	150	1,939
Pembina	752	723	758	699	659	582	595	595	557	637	566	782	7,905
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	20,118	16,418	16,460	15,935	14,803	15,635	16,219	17,307	18,666	19,041	20,404	20,432	211,488

The following table shows the amount of BITUMINOUS Coal used each month under Colliery Boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	6,099	5,388	5,493	5,196	5,955	6,190	6,505	4,431	6,478	6,602	6,664	6,917	73,918
Canmore	1,528	1,366	1,338	1,284	1,206	1,319	1,221	1,167	1,232	1,240	1,302	1,486	15,689
Brazeau	780	682	627	743	698	682	696	770	811	693	977	1,120	9,287
Jasper Park . .	1,100	996	1,216	962	1,020	950	851	896	990	1,094	1,056	1,167	12,298
Yellowhead P.	1,632	1,687	1,537	1,601	1,280	684	1,014	1,108	791	765	877	814	13,790
Mountain Pk.	996	878	1,045	717	1,136	941	915	949	1,012	993	1,254	1,279	12,115
Total . . .	12,135	10,997	11,256	10,503	11,295	10,766	11,202	9,329	11,314	11,387	12,130	12,783	137,097

The following table shows the amount of ANTHRACITE Coal used each month under Colliery Boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	3,562	3,142	3,501	2,482	2,486	2,233	2,009	2,362	1,693	2,030	2,039	2,769	30,308

The following table shows the amount of BRIQUETTES used each month under Colliery Boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	7	9	3	2	.....	.....	.....	2	2	3	4	3	35

The following table shows the amount of ANTHRACITE Coal used in making Briquettes :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	7,378	6,954	7,614	6,206	7,750	8,124	8,029	8,256	7,709	8,228	8,062	8,909	93,228

The following table shows the amount of coal put to stock in the Domestic Coal Field during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
Lethbridge ..	4,796	167	1,355	399	474	2,621	1,546	191	145	116	363	632	12,805
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Taber .....	.....	.....	.....	.....	.....	685	905	.....	.....	.....	.....	.....	1,590
Bow Island ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	20
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River .....	.....	55	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
Drumheller ..	204	3	.....	55	202	261	423	642	678	204	808	245	3,725
Big Valley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	26	382	.....	10	.....	.....	.....	.....	.....	5	35	38	501
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	280	.....	.....	.....	32	11	.....	.....	.....	.....	105	.....	428
Three Hills ..	50	199	.....	48	14	10	15	33	39	60	117	100	685
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	20
Camrose .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton	12	15	300	66	.....	.....	.....	.....	.....	.....	60	.....	366
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	87
Cardiff .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Wabamun .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	266	228	223	247	332	.....	140	138	241	75	132	140	2,152
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	5,634	1,049	1,952	825	1,061	3,588	3,034	994	1,103	480	1,633	1,175	22,523

The following table shows the amount of coal put to stock in the Bituminous Coal Field during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	28	127	.....	2,177	.....	.....	865	800	.....	46	76	21	4,140
Canmore	200	95	25	100	270	175	185	280	310	130	325	330	2,425
Brazeau .....	.....	300	570	430	502	318	270	575	.....	565	862	289	4,681
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead P.	375	300	.....	12	.....	.....	.....	.....	.....	.....	.....	60	747
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	603	822	595	2,719	772	493	1,320	1,655	310	741	1,263	700	11,993

The following table shows the amount of Coal and Briquettes put to stock in the Anthracite Coal Field during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	479	.....	173	.....	.....	56	.....	549	.....	299	1,556
Briquettes	222	.....	.....	3	18	.....	42	.....	270	555

The following table shows the amount of Slack put on the waste heap in the Domestic Coal Field during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,647	4,833	1,122	1,519	1,071	833	885	1,049	2,188	1,278	1,773	2,783	21,881
Lethbridge ..												8	8
Magrath ..													3
Milk River ..	2,615	71	75	54	11	794	803	1,073	1,203	1,206	2,961	2,389	13,255
Taber	50	39	36	3	6	12	13	10	24	43	69	24	329
Bow Island ..	59	22	8	29	7	10	46	69	74	146	190	77	737
Medicine Hat.	18	12	18	12	9	13	9	17	16	30	44	48	246
Aldersyde ...													
High River ..													
Drumheller ..	2,445	530	613	218	643	262	2,012	3,997	3,979	1,903	5,111	4,209	25,922
Big Valley ..				3					50	75	60	60	248
Brooks	22	17		4									43
Hanna	99	70	53	30	26	59		77	98	135	125	94	902
Lacombe	15	20					15						50
Trochu	334	162	84	58	31	30	53	40	25	77	210	236	1,340
Three Hills...	302	91	47	26		69	4	41	292	335	365	411	1,983
Carbon	18	15	24	14	5	4	5	61	85	93	171	150	645
Battle River..	93	43	32	2	3	8		79	122	65	100	121	668
Camrose	266	15	25	40	20	32		210	239	404	815	177	2,243
Tofield	70	30	25	20			10		25	25	35	40	280
Clover Bar ...	1,015	571	294		41	3	16	40	95		115	266	2,456
Edmonton ...	12	30	6							48	60	270	426
Namoo	498	45	48							2	12	223	828
Cardiff	100		166	132	120	100	140	160	48	50	130		1,146
Wabamun													
Pembina	970	274	248	170	141	166	249	403	677	636	1,172	667	5,773
Peace River ..													
Total ...	10,648	6,893	2,924	2,334	2,134	2,395	4,206	8,226	9,240	6,551	13,518	12,253	81,412

The following table shows the amount of Slack put on the waste heap in the Bituminous Coal Field during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	477	492	391	452	417	324	298	338	495	431	528	493	5,136
Cannore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	30	25	10	25	.....	.....	90
Jasper Park ..	370	503	601	94	134	163	277	233	206	281	345	442	3,649
Yellowhead P.	87	505	345	395	.....	.....	.....	.....	.....	.....	72	16	1,420
Mountain Pk.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	934	1,500	1,337	941	551	487	605	596	711	737	945	951	10,295

The following table shows the amount of slack put on the waste heap in the Anthracite Coal Field during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	1,700	1,295	1,672	1,391	1,434	1,236	1,018	1,130	757	875	976	1,143	14,627

The following table shows the amount of coal lifted from stock in the Domestic Coal Field during each month :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	16	93	...	...	...	...	...	...	109
Lethbridge	...	858	167	1,334	399	324	989	4,728	191	1,997	116	363	11,466
Magrath	11	20	...	...	...	...	...	...	...	31
Milk River	58	...	...	...	685	905	...	...	...	...	1,648
Taber	19	31	19	...	...	...	...	...	69
Bow Island	126	...	...	...	...	...	...	...	...	...	126
Medicine Hat
Aldersyde	26	4	...	...	...	...	...	...	...	...	...
High River	172	212	55	15	220	124	62	137	73	52	30
Drumheller	...	206	...	...	...	...	...	...	...	...	...	...	1,328
Big Valley
Brooks	32	8	6	...	...	...	...	...	...	...	46
Hanna	382	...	...	...	...	...	...	...	...	...	382
Lacombe
Trochu	43	...	...	...	...	...	43
Three Hills	12	12	198	...	48	14	48	...	39	45	59	117	592
Carbon	20	...	...
Battle River	...	18	...	...	...	...	...	...	...	...	...	...	38
Camrose
Tofield
Clover Bar	300	...	...	...	...	...	...	300
Edmonton	...	12	...	...	...	...	...	...	...	...	...	...	12
Namoo
Cardiff
Wabamun
Pembina	216	266	203	223	247	122	210	140	128	241	75	132	2,203
Peace River
Total ...	228	1,372	1,364	1,792	810	899	2,214	5,897	420	2,420	343	677	18,436

The following table shows the amount of Slack lifted from the waste heap in the Domestic Coal Field during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	251	.....	.....	.....	.....	.....	.....	65	801
Lethbridge	485	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath
Milk River...	200	159	80	.....	.....	.....	.....	.....	.....	.....	1,350
Taber	920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island
Medicine Hat
Aldersyde
High River	300	465	213	.....	.....	.....	41	.....	80	1,099
Drumheller
Big Valley
Brooks
Hanna	24	32	.....	20	.....	.....	.....	.....	.....	.....	.....	76
Lacombe
Trochu	55	31	32	32	.....	15	30	.....	.....	.....	.....	.....	195
Three Hills	256	34	170	15	.....	60	65	106	.....	.....	706
Carbon
Battle River
Camrose	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Tofield
Clover Bar
Edmonton
Namoo	30	.....	.....	.....	5	.....	5	40
Cardiff
Wabamun
Pembina
Peace River
Total	55	991	520	1,001	936	273	30	60	65	182	.....	150	4,283

OUTPUTS AND NUMBER OF MINES PRODUCING

	Under 10,000 Tons		From 10,000 to 50,000 Tons		From 50,000 to 100,000 Tons		From 100,000 to 200,000 Tons		From 200,000 to 300,000 Tons		From 300,000 to 400,000 Tons		Over 400,000 Tons		TOTAL
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	
Domestic	210	249,542	28	702,531	11	803,243	8	937,560	1	266,051	...	...	1	400,381	3,359,308
Bituminous	8	14,290	6	164,535	3	175,981	3	409,160	2	519,644	5	1,723,792	1	411,619	3,419,021
Anthracite .....	...	...	...	...	...	...	1	130,594	...	...	...	...	...	...	130,594
Total	218	263,832	34	867,066	14	979,224	12	1,477,314	3	785,695	5	1,723,792	2	812,000	6,908,923

The following table shows the classification of persons employed in the DOMESTIC, BITUMINOUS AND ANTHRACITE Coal fields at December 31, 1920:

	UNDERGROUND					ABOVEGROUND					Total Under and Above Ground		
	Super-vision	Miners and Helpers	Haulage and Employ-ees	Mech's and Skilled Labor	Others	Total	Super-vision	Mech s and Skilled Labor	Clerical Asst.	Others		Bri-quette Plant	Total
Domestic . . .	246	3,576	856	262	452	5,392	107	440	117	1,111	...	1,775	7,167
Bituminous . .	154	1,743	573	61	675	3,206	68	356	85	1,176	...	1,685	4,891
Anthracite . .	9	51	8	...	54	122	1	41	7	109	10	168	290
Total . . .	409	5,370	1,437	323	1,181	8,720	176	837	209	2,396	10	3,628	12,348

THE MINES BRANCH

The following table shows the classification of persons employed in the DOMESTIC Coal field, at December 31, 1920:

Name of District	UNDERGROUND					ABOVEGROUND					Total Above and Below Ground
	Super-vision	Miners and Helpers	Haulage and Employ-ees	Mech's and Skilled Labor	Others	Total	Super-vision	Mech's and Skilled Labor	Clerical Asst.	Others	Total
Pincher Creek	2	8	...	...	...	10	1	...	...	...	1
Lethbridge	52	823	261	102	78	1,316	15	180	25	234	454
Magrath	1	11	1	...	...	13	...	...	...	...	13
Milk River	3	46	...	...	...	49	...	...	...	12	61
Taber	18	294	19	14	27	342	6	24	7	35	444
Bow Island	2	22	...	...	...	24	...	...	...	1	25
Medicine Hat	3	21	3	1	1	29	1	...	1	4	35
Aldersyde	4	27	...	...	...	31	...	...	...	2	33
High River .....	...	6	...	...	...	6	1	...	...	1	8
Drumheller	65	1,131	385	69	177	1,827	37	133	44	372	586
Big Valley	3	70	6	1	1	81	11	2	2	23	109
Brooks	3	57	...	...	...	60	1	...	...	17	62
Hanna	11	35	2	...	...	48	3	2	...	...	70
Lacombe	4	38	1	...	...	43	...	1	1	3	48
Trochu	7	53	6	6	10	82	5	5	3	36	131
Taree Hills	4	54	6	1	11	76	2	3	2	17	100
Carbon	3	27	1	...	1	32	1	1	1	2	37
Battle River	5	57	2	...	...	64	1	...	...	2	67
Camrose	4	74	13	1	...	92	3	5	3	45	148
Tofield .....	...	3	...	...	...	3	3	3	2	47	58
Clover Bar	24	325	60	43	60	512	12	30	9	113	675
Edmonton	12	135	27	5	18	197	5	21	3	34	260
Namao	3	35	10	...	1	49	1	4	1	11	66
Cardiff	6	122	19	11	41	199	4	14	7	37	261
Wabamun	1	37	14	...	6	58	1	4	1	...	64
Pembina	6	65	20	8	20	119	3	8	5	62	197
Peace River .....	...	...	...	...	...	...	...	...	...	...	...
Total	246	3,576	856	262	452	5,392	107	440	117	1,111	7,167

The following table shows the classification of persons employed in the BITUMINOUS Coal field, at December 31, 1920:

Name of District	UNDERGROUND					ABOVEGROUND					Total Above and Below Ground	
	Super-vision	Miners and Helpers	Haulage and Employ-ees	Mech's and Skilled Labour	Others	Total	Super-vision	Mech's and Skilled Labour	Clerical Assist-ance	Others		Total
Crow's Nest Pass	75	769	236	10	470	1,560	29	148	25	457	659	2,219
Canmore	17	129	60	4	50	260	2	32	11	94	139	399
Brazeau	21	308	144	42	59	574	9	66	16	117	208	782
Jasper Park	17	234	42	5	38	336	7	55	11	171	244	580
Yellowhead	10	142	16	....	3	171	17	28	14	275	334	505
Mountain Park	14	161	75	....	55	305	4	27	8	62	101	406
Total	154	1,743	573	61	675	3,206	68	356	85	1,176	1,685	4,891

The following table shows the classification of persons employed in the ANTHRACITE Coal field, at December 31, 1920:

Name of District	Super-vision	Miners and Helpers	Haulage Employ-ees	Mech's and Skilled Labour	Others	Total	Super-vision	Mech's and Skilled Labour	Clerical Assist-ance	Others	Brig-quette Plant	Total	Total Above and Below Ground
Banff	9	51	8	....	54	122	1	41	7	109	10	168	290

THE MINES BRANCH

The following table shows the total number of persons employed during each month in the DOMESTIC Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	16	17	13	6	4	6	6	7	10	12	12	11	120
Lethbridge ..	1,659	1,499	1,284	1,194	1,251	1,396	1,357	1,292	1,336	1,394	1,690	1,770	17,122
Magrath ..	8	8	9	6	4	5	5	4	4	6	9	13	81
Milk River ..	44	34	29	14	11	11	9	9	12	20	48	61	302
Taber	467	304	205	160	178	219	250	230	300	355	393	444	3,505
Bow Island ..	22	21	16	10	8	10	9	10	14	23	27	25	195
Medicine Hat.	76	36	11	10	9	10	18	22	26	49	77	35	379
Aldersyde ..	25	23	22	15	8	9	10	12	17	23	33	33	230
High River ..	9	7	1	2	1	1	1	5	5	5	8	8	53
Drumheller ..	2,393	1,671	950	898	1,254	1,589	1,702	1,960	2,040	2,114	2,399	2,413	21,383
Big Valley ..	96	80	46	22	15	34	51	62	71	80	105	109	771
Brooks	37	30	20	14	8	11	11	11	27	36	42	62	309
Hanna	118	105	56	37	28	41	23	24	33	55	95	70	685
Lacombe	58	46	30	12	9	8	7	8	16	33	55	48	330
Trochu	94	65	44	33	21	19	24	29	33	76	127	131	696
Three Hills ..	89	72	45	25	22	21	27	42	45	62	83	100	633
Carbon	19	20	18	10	7	9	17	13	24	27	39	37	240
Battle River ..	60	43	31	11	3	7	4	9	20	26	63	67	344
Camrose	153	94	75	62	52	47	24	64	70	101	149	148	1,039
Tofield	89	51	37	28	45	50	52	57	61	71	54	58	653
Clover Bar ..	630	542	447	366	323	326	339	359	409	507	620	675	5,543
Edmonton ..	324	245	175	133	111	97	102	127	174	201	233	260	2,182
Namoo	91	74	26	4	1	1	8	33	41	59	61	66	465
Cardiff	315	205	176	153	131	136	153	171	194	207	257	261	2,364
Wabamun	69	56	42	43	21	24	31	39	54	51	75	64	569
Pembina	172	130	138	141	123	109	131	156	168	202	165	197	1,832
Peace River ..	3	3	1	1	....	....	....	....	....	....	....	....	8
Total	7,136	5,481	3,947	3,410	3,648	4,196	4,376	4,755	5,204	5,795	6,919	7,166	62,033

The following table shows the total number of persons employed during each month in the BITUMINOUS Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,004	1,962	1,719	1,300	1,826	1,902	1,970	1,925	1,941	2,029	2,224	2,219	23,021
Canmore	335	325	379	292	322	316	335	337	348	334	362	399	4,084
Brazeau	632	667	644	622	620	607	661	680	684	666	745	782	8,010
Jasper Park . . .	484	399	453	428	450	413	255	376	425	477	554	580	5,294
Yellowhead Ps.	514	477	404	420	416	493	458	564	576	601	567	505	5,995
Mtn. Park . . .	439	428	374	349	290	309	335	325	325	348	387	406	4,315
Total	4,408	4,258	3,973	3,411	3,924	4,040	4,014	4,207	4,299	4,455	4,839	4,891	50,719

The following table shows the total number of persons employed during each month in the ANTHRACITE Coal Field above and below ground:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	306	309	302	286	278	271	271	277	274	297	285	290	3,446

The following table shows the total number of persons employed during each month in the DOMESTIC, BITUMINOUS and ANTHRACITE Coal Fields above and below ground:

	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Domestic . . .	7,136	5,481	3,947	3,410	3,648	4,196	4,376	4,755	5,204	5,795	6,919	7,166	62,033
Bituminous . .	4,408	4,258	3,973	3,411	3,924	4,040	4,014	4,207	4,299	4,455	4,839	4,891	50,719
Anthracite . .	306	309	302	286	278	271	271	277	274	297	285	290	3,446
Total	11,850	10,048	8,222	7,107	7,850	8,507	8,661	9,239	9,777	10,547	12,043	12,347	116,198

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055

During the year 1909, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911, a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917, a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919, a strike affecting all the larger mines in the Province lasted for a period of three months.

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD.

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,641	246	1,820	357
1912	1,526,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,419,021	4,228	809	2,711	1,202

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD.

Year	Total average No. of men employed	Gross tons of coal mined	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116

The table showing the number of men employed in the Anthracite Coal Field includes employees at the Briquetting Plant.

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD BY DISTRICTS.

District	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No of men employed underground	Tons of coal mined per man employed underground
Pincher Creek	5,575	10	557	9	619
Lethbridge	850,662	1,427	596	1,014	839
Magrath	1,827	7	261	7	261
Milk River	6,230	25	249	23	270
Taber	133,027	292	456	235	566
Bow Island	6,456	16	404	15	430
Medicine Hat	14,816	32	432	25	592
Aldersyde	8,339	19	439	17	490
High River	1,834	4	478	3	611
Drumheller	1,210,687	1,782	679	1,302	922
Big Valley	52,349	64	818	47	1,113
Brooks	13,856	26	533	24	577
Hanna	29,643	57	520	42	705
Lacombe	14,515	28	518	24	605
Trochu	20,218	53	348	36	561
Three Hills	32,327	53	609	40	808
Carbon	8,564	20	428	18	498
Battle River	13,509	29	465	27	500
Camrose	72,567	87	834	53	1,369
Tofield Stripping Pit..	51,211	52	984	..	..
Tofield Under-	2,065	2	1,032	2	1,032
Clover Bar	343,396	462	743	331	1,037
Edmonton	97,133	182	534	131	741
Namao	16,807	39	431	29	586
Cardiff	175,102	197	889	144	1,216
Wabamun	29,751	47	633	33	901
Pembina	146,810	153	959	91	1,613
Peace River	82	3	27	1	82
Total	3,359,308	5,173	647	3,723	902

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD BY DISTRICTS.

District	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No of men employed underground	Tons of coal mined per man employed underground
Crow's Nest Pass	1,775,529	1,918	925	1,336	1,321
Canmore	275,511	340	810	221	1,246
Brazeau	453,875	669	678	492	922
Jasper Park	235,584	441	534	271	869
Yellowhead	437,093	500	874	151	2,894
Mountain Park	241,429	360	671	240	1,006
Total	3,419,021	4,228	809	2,711	1,202

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD
BY DISTRICTS

District	Gross tons of coal mined	Total av- age No. of men employed	Tons of coal min- ed per man em- ployed	Average No of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Banff	130,594	287	455	117	1,116

The following table shows the average number of days in each month on which DOMESTIC Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek.	19.20	15.20	12.80	7.00	8.00	13.33	15.00	16.50	15.00	17.33	24.33	21.33	185.02
Lethbridge ..	22.00	17.94	16.36	19.00	18.12	21.85	23.05	19.90	24.44	22.50	24.41	23.77	253.34
Magrath	24.00	15.50	14.60	11.00	11.00	20.66	19.00	22.00	19.50	18.00	22.00	17.25	214.51
Milk River ..	15.73	14.13	15.46	19.50	19.37	15.28	16.66	17.33	21.83	19.57	19.60	18.23	212.69
Taber	18.66	9.71	14.33	10.66	15.00	21.20	17.00	20.50	21.00	17.00	20.62	16.25	201.93
Bow Island ..	12.50	14.30	13.22	16.66	13.16	16.33	14.33	12.00	16.87	20.00	21.87	16.00	187.74
Medicine Hat.	16.40	10.80	5.50	6.00	3.50	3.66	8.25	14.66	16.00	17.00	21.86	12.71	136.34
Aldersyde	21.28	17.00	19.42	19.20	14.20	16.80	17.75	17.80	17.16	24.16	23.71	21.00	229.48
High River ..	17.33	15.33	15.00	7.00	7.00	6.00	3.00	10.50	13.33	11.66	13.00	18.00	137.15
Drumheller ..	21.50	13.33	16.43	15.93	14.38	21.65	17.45	21.65	23.44	18.80	24.32	20.05	228.93
Big Valley ..	23.50	22.00	22.37	13.00	9.00	8.00	16.50	20.33	21.00	22.90	22.50	23.50	224.60
Brooks	19.75	20.33	22.00	22.50	14.50	14.80	17.00	18.80	21.33	20.33	24.42	23.43	239.19
Hanna	18.76	18.46	18.15	16.27	12.82	16.16	17.00	17.14	22.91	22.00	21.20	21.84	222.71
Lacombe	16.78	17.41	18.11	17.00	15.75	11.00	14.00	14.75	19.16	22.14	21.11	19.22	206.43
Trochu	18.00	15.58	16.33	10.87	16.50	15.40	13.14	13.50	19.87	16.80	21.09	21.00	198.08
Three Hills ..	21.66	18.33	15.66	11.25	11.25	9.25	14.66	20.33	25.00	16.33	21.33	13.28	198.33
Carbon	19.50	20.00	22.00	17.00	17.50	13.50	19.20	20.00	17.62	21.75	25.47	23.00	236.54
Battle River.	17.25	18.35	15.84	10.50	8.00	7.00	5.66	9.66	16.36	20.32	18.73	20.75	168.92
Camrose	20.50	15.66	20.60	22.25	18.00	18.00	15.33	23.25	23.75	25.00	24.16	19.16	245.66
Tofield	20.66	18.66	17.00	16.00	15.50	15.00	16.00	20.50	18.00	24.50	22.33	21.33	225.48
Clover Bar ..	24.00	17.77	21.77	22.28	20.43	17.00	14.00	24.71	24.71	24.37	20.62	22.22	253.88
Edmonton ..	17.77	19.12	19.50	22.60	18.50	19.00	15.75	22.75	23.50	19.33	20.56	23.10	242.79
Namoo	21.75	15.25	14.00	17.50	...	...	13.00	19.50	24.75	25.00	24.33	24.00	198.83
Cardiff	17.33	7.33	22.00	21.00	15.66	17.00	16.33	21.33	22.66	19.33	24.00	18.00	221.97
Wabamun	21.00	7.00	12.00	20.00	12.00	22.00	20.00	22.00	22.00	25.00	26.00	24.00	235.00
Pembina	24.00	24.00	25.00	21.00	25.00	26.00	26.00	26.00	22.00	21.00	25.00	25.00	290.00
Peace River ..	23.00	22.00	10.00	8.00	...	...	...	...	...	...	...	...	63.00
Average ..	19.77	16.31	16.87	15.59	14.16	15.43	15.59	18.78	20.58	20.48	22.25	20.28	209.57

The following table shows the average number of days in each month on which BITUMINOUS Coal was drawn :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest													
Pass	25.14	20.00	17.50	21.00	23.57	24.86	25.58	25.16	24.43	24.19	22.50	25.43	279.36
Canmore	25.00	24.00	24.00	20.50	12.50	26.00	26.00	26.00	25.00	25.00	26.00	23.00	282.00
Brazeau	20.33	18.83	17.50	24.16	22.50	23.83	24.50	25.00	16.00	13.30	22.40	22.00	249.85
Jasper Park ..	22.50	23.50	22.00	22.66	24.00	25.66	21.66	25.50	24.00	25.00	25.50	24.00	285.98
Yellowhead ..	22.66	21.16	21.83	22.35	22.85	23.50	23.71	21.85	18.28	20.86	21.36	21.28	262.19
Mount. Park.	23.50	24.00	17.50	24.50	24.00	25.00	22.50	22.50	24.00	22.00	25.00	26.00	280.50
Tot. Av. ...	23.18	21.91	20.05	22.61	21.49	24.81	23.99	24.33	21.95	21.39	23.79	23.45	273.31

The following table shows the average number of days in each month on which ANTHRACITE Coal was drawn :

Districts	Jan.	Feb.	Mar.	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
Banff	26.00	24.00	27.00	25.00	15.50	16.00	14.00	15.00	12.00	13.00	14.00	16.00	217.50

The following table gives the average hours worked per week, each month, by Districts in the DOMESTIC Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pincher Creek.	35.40	30.36	22.74	9.04	15.30	24.60	27.66	24.90	28.80	33.24	44.88	39.36
Lethbridge ..	40.56	35.94	29.04	36.48	34.80	40.32	42.54	36.72	46.92	43.26	45.06	43.86
Magrath	44.28	30.96	25.92	21.12	21.12	38.10	35.04	40.62	37.44	34.56	40.62	31.80
Milk River ..	29.04	27.96	27.48	37.44	37.20	28.28	30.72	31.98	41.88	36.96	36.18	33.66
Taber	34.44	19.38	25.44	20.46	28.80	39.12	31.38	37.86	40.32	32.64	38.04	30.00
Bow Island ..	23.04	28.56	21.24	31.98	25.26	30.12	27.36	23.14	32.34	38.40	20.28	34.14
Medicine Hat.	30.20	21.60	9.78	11.52	6.72	6.72	15.24	27.06	30.60	32.64	40.32	23.46
Aldersyde ..	39.24	33.96	34.50	36.84	27.24	30.54	32.76	32.82	32.94	46.62	43.34	38.76
High River ..	31.68	30.66	31.08	13.44	13.44	11.04	5.52	19.38	25.56	22.38	24.00	33.24
Drumheller ..	39.66	36.64	29.16	30.54	27.60	39.96	32.20	39.96	40.32	36.06	44.88	37.02
Big Valley ..	44.38	43.98	39.72	24.96	17.28	14.76	30.42	37.50	40.92	39.00	41.52	43.38
Brooks	36.42	40.62	39.10	43.20	27.84	27.30	31.38	34.68	40.92	39.00	45.06	43.26
Hanna	34.62	36.90	32.22	31.20	24.60	29.82	31.38	31.62	43.98	42.24	39.08	40.32
Lacombe	30.96	34.80	32.16	20.40	30.24	20.28	25.80	27.24	36.78	42.48	38.94	35.46
Trochu	33.18	31.14	29.04	20.86	31.68	28.38	16.16	24.90	38.16	32.22	38.94	38.64
Three Hills ..	39.96	36.66	28.80	21.60	21.60	17.04	27.06	37.50	48.00	31.82	39.36	32.64
Carbon	36.00	39.96	39.10	32.64	33.60	24.90	35.46	36.90	33.84	41.76	46.98	42.42
Battle River ..	31.80	36.66	28.14	20.06	15.36	12.90	11.04	17.82	31.38	39.96	34.56	38.28
Camrose	37.80	31.32	36.60	42.48	34.56	33.18	28.26	42.90	45.60	48.00	44.58	35.34
Tofield	38.10	37.32	30.18	30.72	29.76	27.66	29.52	37.84	34.56	47.04	41.22	39.36
Clover Bar ..	44.28	35.52	38.70	42.78	39.24	31.38	25.80	45.62	47.40	44.34	38.04	40.98
Edmonton ..	32.76	38.22	34.62	43.50	35.52	34.04	29.04	43.84	37.08	37.92	44.88	42.66
Namoo	40.14	30.48	24.90	33.60	...	...	24.00	36.00	47.04	48.00	44.88	44.28
Cardiff	31.98	19.92	39.06	40.32	30.06	31.38	30.12	39.36	47.04	48.00	44.88	33.24
Wabamun	38.76	13.98	21.50	38.40	23.04	40.56	36.90	40.62	46.08	48.00	48.00	44.28
Pembina	44.28	48.00	44.40	40.42	48.00	48.00	48.00	48.00	42.24	40.32	46.14	46.14
Peace River..	42.42	43.98	17.76	15.36	...	...	...	...	...	...	...	...
Average	36.48	32.58	29.94	29.94	27.18	26.16	28.74	34.68	39.48	39.54	41.04	38.94

The following table gives the average hours worked per week, each month, by Districts in the BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Crow's Nest												
Pass	46.38	39.96	31.08	40.32	45.24	45.89	47.22	46.44	46.86	46.44	41.52	46.92
Canmore	46.14	48.00	42.66	39.36	24.00	48.00	48.00	48.00	48.00	48.00	48.00	42.24
Brazeau	37.50	37.62	31.08	46.38	42.24	43.98	45.18	46.14	30.72	25.50	41.34	40.62
Jasper Park ..	41.52	46.98	39.12	43.50	46.08	37.34	39.96	47.04	46.08	48.00	47.04	44.28
Yellowhead ..	41.82	42.30	38.76	43.86	43.86	43.38	43.74	40.32	32.70	40.02	39.42	39.30
Mount. Park.	43.38	48.00	31.08	47.04	46.08	46.14	41.52	41.52	46.08	42.24	46.14	48.00
Tot. Average.	42.78	43.80	35.64	43.38	41.34	45.78	44.28	44.88	42.12	41.04	43.92	43.38

The following table gives the average hours worked per week, each month, by Districts in the ANTHRACITE Coal Field.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Banff	48.00	48.00	48.00	48.00	29.76	29.52	25.86	27.66	23.04	24.96	25.86	28.62

The following table shows the amount of mine timber used during the year:

DOMESTIC COAL FIELD

Districts	Ties	Round timber in Lineal feet	Square timber in square feet B. M.	Slabs in Cords
Pincher Creek	7,408	....	....
Lethbridge	498,282	2,012,441	....	1,254
Magrath	5,954	....	....
Milk River	24,085	....	....
Taber	19,434	313,488	1,890	....
Bow Island	12,499	....	....
Medicine Hat	45,965	....	....
Aldersyde	46,925	120	18
High River	5,400	....	....
Drumheller	86,112	3,112,408	....	173
Big Valley	24,540	....	....
Brooks	43,300	....	18
Hanna	41,353	432	....
Lacombe	57,731	....	....
Trochu	66,667	....	....
Three Hills	47,603	....	....
Carbon	22,212	....	....
Battle River	46,370	886	....
Camrose	226,163	....	....
Tofield	5,000	....	....
Clover Bar	1,712,121	....	....
Edmonton	342,905	....	190
Namoo	36,547	....	....
Cardiff	228,032	....	....
Wabamun	136,760	....	....
Pembina	52,955	215,131	....	....
Peace River
Total	656,783	8,839,008	3,328	1,653

BITUMINOUS COAL FIELD

Districts	Ties	Round timber in Lineal feet	Square timber in square feet B. M.	Slabs in Cords	Lagging in Lineal feet
Crow's Nest Pass ..	8,750	1,974,279	1,344,513	....	....
Canmore .....	....	471,000	....	....	300,000
Brazeau .....	....	1,795,675	....	....	....
Jasper Park .....	....	609,076	....	377	30,500
Yellowhead .....	....	247,316	....	....	....
Mountain Park	7,248	1,103,849	28,261	60	105,179
Totals	15,998	6,201,195	1,372,774	437	435,679

ANTHRACITE COAL FIELD

Districts	Round timber in Lineal feet	Square timber in square feet B. M.	Lagging
Banff	209,197	274,310	237,066

EXPLOSIVES.
The following table shows the quantity of Explosives used in pounds for blasting coal in the Domestic Coal Field:

Districts	Name of Explosive							Total
	Black Powder	Mono-bel	Vik-ing	Miner Fr. No. 9	Dyna-mite	Dynobel No. 4	Miner's Fr. No. 7	
Pincher Creek	371	1,868	100	.....	.....	350	.....	2,689
Lethbridge	73,523	2,661	23,309	6,691	15,743	.....	4,486	126,413
Magrath	1240	.....	.....	.....	.....	.....	.....	1,240
Milk River	5,570	.....	.....	.....	100	.....	.....	5,670
Taber	42,425	270	.....	.....	.....	.....	.....	42,695
Bow Island	3,955	.....	.....	.....	.....	.....	.....	3,955
Medicine Hat	3,525	.....	.....	.....	396	.....	.....	3,921
Aldersyde	3,490	.....	.....	.....	.....	.....	.....	3,490
High River	200	160	.....	.....	.....	.....	.....	360
Drumheller	225,520	37,920	11,835	2,100	404	.....	.....	277,779
Big Valley	2,063	.....	.....	.....	.....	.....	.....	2,063
Brooks	11,695	.....	.....	.....	.....	.....	.....	11,695
Hanna	14,440	.....	.....	.....	.....	.....	.....	14,440
Lacombe	8,217	.....	.....	.....	.....	.....	.....	8,217
Trochu	9,255	650	.....	.....	.....	.....	.....	9,905
Three Hills	11,498	150	.....	.....	.....	.....	100	11,748
Carbon	7,195	.....	.....	.....	.....	.....	.....	7,195
Battle River	905	.....	.....	.....	.....	.....	.....	905
Camrose .....	.....	250	.....	.....	.....	.....	.....	250
Tofield	1,325	30	.....	.....	.....	1,100	.....	3,855
Clover Bar	64,458	1,000	15,899	6,050	.....	.....	1,400	90,357
Edmonton	5,235	450	600	4,864	.....	7,950	5,864	24,963
Namoo	1,650	125	400	872	.....	.....	200	3,247
Cardiff	40,000	6,800	3,500	6,044	.....	.....	.....	56,344
Wabamun .....	.....	175	.....	368	.....	.....	.....	543
Pembina	19,146	.....	.....	.....	.....	.....	.....	19,146
Peace River .....	.....	.....	.....	.....	.....	.....	.....	.....
Total	556,901	52,509	55,643	26,989	16,643	9,400	4,486	733,685

EXPLOSIVES.
The following table shows the quantity of explosives used in pounds for blasting coal in the Bituminous Coal Field:

Districts	Name of Explosives							Total
	Monobel	Viking	Polar Permitite	Dynobel No. 2	Dynobel No. 4	Miners' Fr. No. 7	Miners' Fr. No. 9	
Crow's Nest Pass	13,671	.....	429	115,240	67,134	6,000	.....	202,474
Canmore .....	.....	26,700	294	28,071	.....	.....	.....	55,065
Brazeau	18,878	.....	.....	.....	.....	.....	500	19,378
Jasper Park	5,300	.....	4,213	.....	.....	400	3,850	13,763
Yellowhead	2,000	.....	.....	1,000	95,159	.....	15,100	113,259
Mountain Park	23,985	418	206	8,130	.....	.....	.....	32,829
Total	63,834	27,118	5,232	152,441	162,293	6,400	19,450	436,678

The following table shows the quantity of Explosives used in pounds for blasting coal in the Anthracite Coal Field.

Districts	Name of Explosives		Total
	Monobel No. 1		
	15,750		
Banff			15,750

The following table shows the number of tons of Domestic Coal produced per pound of explosive used for blasting coal:

Districts	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosive used
Pincher Creek.....	5,575	2,689	2.07
Lethbridge.....	850,662	126,413	6.72
Magrath.....	1,827	1,240	1.47
Milk River.....	6,230	5,670	1.41
Taber.....	133,027	42,695	3.11
Bow Island.....	6,456	3,955	1.63
Medicine Hat.....	14,816	3,921	3.77
Aldersyde.....	8,339	3,490	2.34
High River.....	1,834	360	7.97
Drumheller.....	1,210,687	277,779	4.58
Big Valley.....	52,349	2,063	2.53
Brooks.....	13,856	11,695	1.18
Hanna.....	29,643	14,440	2.05
Lacombe.....	14,515	8,217	1.75
Trochu.....	20,218	9,905	2.04
Three Hills.....	32,327	11,748	2.75
Carbon.....	8,564	7,195	1.05
Battle River.....	13,509	905	13.71
Camrose.....	72,567	250	290.27
Tofield.....	53,226	3,855	13.80
Clover Bar.....	343,396	90,357	3.80
Edmonton.....	97,133	24,963	3.49
Namoo.....	16,807	3,247	5.17
Cardiff.....	175,102	56,344	3.09
Wabamun.....	29,751	543	5.47
Pembina.....	146,810	19,146	7.14
Peace River.....	82	....	....
Total.....	3,359,308	733,085	4.44

The following table shows the number of tons of Bituminous Coal produced per pound of explosive used for blasting coal:

Districts	No. of tons mined	No. of lbs. of explosives used	Tons of coal mined per lb. of explosive used
Crow's Nest Pass.....	1,775,529	202,474	8.76
Canmore.....	275,511	55,065	5.00
Brazeau.....	453,875	19,378	2.34
Jasper Park.....	235,584	13,763	1.71
Yellowhead Pass.....	437,093	113,259	3.85
Mountain Park.....	241,429	32,829	7.35
Total.....	3,419,021	436,678	7.82

The following table shows the number of tons of Anthracite Coal produced per pound of explosives used for blasting coal:

Districts	No. of tons mined	No. of lbs. of explosiv- es used	Tons of coal mined per lb. of explosive used
Banff.....	130,594	15,750	8.29

Estimated number of shots fired for blasting coal in the Domestic Coal Field:

Districts	Squibs	Fuse	Electric Detonator	Electric Squib	Total
Pincher Creek	498	6,511	.....	.....	7,009
Lethbridge	51,655	2,910	50,480	37,060	142,105
Magrath	1,650	.....	.....	.....	1,650
Milk River	6,511	195	.....	.....	6,706
Taber	34,965	650	.....	.....	35,615
Bow Island	4,561	.....	.....	.....	4,561
Medicine Hat	3,730	265	.....	.....	3,995
Aldersyde	6,710	.....	.....	.....	6,710
High River .....	.....	488	.....	.....	488
Drumheller .....	.....	193,318	82,174	.....	275,492
Big Valley .....	.....	2,444	.....	.....	2,444
Brooks	3,142	2,187	.....	.....	5,329
Hanna	2,505	18,351	.....	.....	20,856
Lacombe	1,050	5,948	.....	.....	6,998
Trochu	6,487	4,355	.....	.....	10,842
Three Hills	450	5,745	.....	.....	6,195
Carbon	6,296	255	.....	.....	6,551
Battle River .....	.....	880	.....	.....	880
Camrose .....	.....	350	.....	.....	350
Tofield .....	.....	4,401	.....	.....	4,401
Clover Bar .....	.....	53,288	13,651	.....	66,939
Edmonton .....	.....	8,513	16,323	.....	24,836
Namoo	1,000	2,444	.....	.....	3,444
Cardiff .....	.....	50,373	.....	.....	50,373
Wabamun .....	.....	300	.....	.....	300
Pembina .....	.....	.....	19,892	.....	19,892
Peace River .....	.....	.....	.....	.....	.....
Total	131,210	364,171	182,520	37,060	714,961

Estimated number of shots fired for blasting coal in the Bituminous Coal Field:

Districts	Squibs	Fuse	Electric Detonator	Electric Squib	Total
Crow's Nest Pass	207,305	.....	207,305
Canmore	1,287	63,950	.....	65,237
Brazeau	14,100	14,652	.....	28,752
Jasper Park	16,700	.....	16,700
Yellowhead Pass	3,000	69,153	.....	72,153
Mountain Park	45,750	.....	45,750
Total	18,387	417,510	.....	435,897

Estimated number of shots fired in blasting coal in the Anthracite Coal Field:

Districts			Electric Detonator		Total
Banff .....	....	....	14,000	....	14,000

Number of Miss Fire Shots recorded in blasting coal in the Domestic Coal Field:

Districts	Method of Shot Firing				Total
			Electric Detonator		
Pincher Creek .....	...	936	...	...	936
Lethbridge	12	...	316	239	567
Magrath	10	...	...	...	10
Milk River	4	...	...	...	4
Taber .....	...	2	...	...	2
Bow Island	73	...	...	...	73
Medicine Hat	9	...	...	...	9
Aldersyde	7	...	...	...	7
High River .....	...	20	...	...	20
Drumheller .....	...	211	90	...	301
Big Valley .....	...	3	...	...	3
Brooks	1	5	...	...	6
Hanna	8	12	...	...	20
Lacombe	4	12	...	...	16
Trochu	28	...	...	...	28
Three Hills	6	26	...	...	32
Carbon	4	...	...	...	4
Battle River .....	...	...	...	...	...
Camrose .....	...	...	...	...	...
Tofield .....	...	...	...	...	...
Clover Bar .....	...	15	105	...	120
Edmonton .....	...	21	9	...	30
Namao .....	...	1	...	...	1
Cardiff .....	...	5	...	...	5
Wabamun .....	...	...	...	...	...
Pembina .....	...	...	27	...	27
Peace River .....	...	...	...	...	...
Total	166	1269	547	239	2221

Number of Miss Fire Shots recorded in blasting coal in the Bituminous Coal Field:

Districts	Method of Shot Firing				Total
		Fuse	Electric Detonator		
Crow's Nest Pass .....	...	...	194	...	194
Canmore .....	...	2	55	...	57
Brazeau	62	...	33	...	95
Jasper Park .....	...	...	151	...	151
Yellowhead Pass .....	...	...	40	...	40
Mountain Park .....	...	...	98	...	98
Total	62	2	571	...	635

Number of Miss Fire Shots recorded in blasting coal in the Anthracite Coal Field:

Districts	Method of Shot Firing				Total
			Electric Detonator		
Banff

[illegible]

Estimated number of shots fired for blasting Rock in Coal Mines in the Province:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass	12,547	....	852	...	13,399
Pincher Creek .....	....	....	30	...	30
Lethbridge	557	....	600	...	1,157
Magrath .....	....	....	...	40	40
Milk River .....	....	....	12	...	12
Taber .....	....	....	2,474	...	2,474
Bow Island .....	....	....	....	546	546
Medicine Hat .....	....	....	...	30	30
Aldersyde .....	....	....	...	30	30
High River .....	....	....	40	...	40
Canmore	6,000	....	2,492	...	8,492
Banff	16,920	....	....	...	16,920
Drumheller	1,140	....	3,906	...	5,046
Big Valley	35	....	188	...	223
Brazeau	2,966	....	...	...	2,966
Brooks .....	....	....	....	...	....
Hanna .....	....	....	35	...	35
Lacombe .....	....	....	...	...	....
Trochu .....	....	....	88	...	88
Three Hills .....	....	....	398	...	398
Carbon .....	....	....	...	...	....
Battle River .....	....	....	30	...	30
Camrose .....	....	....	....	...	....
Tofield .....	....	....	....	...	....
Clover Bar .....	....	....	....	...	....
Edmonton	40	....	170	...	210
Namao .....	....	....	....	...	....
Cardiff .....	....	....	....	...	....
Wabamun .....	....	....	....	...	....
Pembina .....	....	....	....	...	....
Jasper Park	8,667	....	....	...	8,667
Yellowhead Pass	8,389	....	300	...	8,689
Mountain Park	1,868	....	....	...	1,868
Peace River .....	....	....	....	...	....
Total	59,129	....	11,615	646	71,390

The following table gives the number of Miss Fire Shots recorded in blasting Rock in Coal Mines in the Province:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass	29	...	...	...	29
Pincher Creek .....	...	...	...	...	...
Lethbridge .....	...	...	...	...	...
Magrath .....	...	...	...	5	5
Milk River .....	...	...	...	...	...
Taber .....	...	...	3	...	3
Row Island .....	...	...	...	2	2
Medicine Hat .....	...	...	...	...	...
Aldersyde .....	...	...	...	...	...
High River .....	...	...	...	...	...
Canmore	2	...	30	...	32
Banff	3	...	...	...	3
Drumheller	1	...	403	...	404
Big Valley .....	...	...	...	...	...
Brazeau	3	...	...	...	3
Brooks .....	...	...	...	...	...
Hanna .....	...	...	...	...	...
Lacombe .....	...	...	...	...	...
Trochu .....	...	...	...	...	...
Three Hills .....	...	...	...	...	...
Carbon .....	...	...	...	...	...
Battle River .....	...	...	...	...	...
Camrose .....	...	...	...	...	...
Tofield .....	...	...	...	...	...
Clover Bar .....	...	...	...	...	...
Edmonton	3	...	...	...	3
Namoo .....	...	...	...	...	...
Cardiff .....	...	...	...	...	...
Wabamun .....	...	...	...	...	...
Pembina .....	...	...	...	...	...
Jasper Park	40	...	...	...	40
Yellowhead Pass	1	...	...	...	1
Mountain Park .....	...	...	...	...	...
Peace River .....	...	...	...	...	...
Total	82	...	436	7	525

ELECTRICITY.

The Rules for the Installation and Use of Electricity in or about mines require a return to be made to the Department on or before January 21st, of each year, giving size, type, and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 45 different mines in 1920. A summary of these returns regarding the horse-power of electrical apparatus in use is given below.

Districts	No. of Mines using Electricity	Horse-Power Electrical Apparatus in use		Total horse-power
		Above ground	Below ground	
Crow's Nest Pass	6	3,412	810	4,222
Pincher Creek .....	..	..	..	..
Lethbridge	2	872	387	1,259
Magrath .....	..	..	..	..
Milk River .....	..	..	..	..
Taber	3	195	313	508
Bow Island .....	..	..	..	..
Medicine Hat	1	15	72	87
Aldersyde .....	..	..	..	..
High River .....	..	..	..	..
Canmore	1	500	100	600
Banff	1	250	..	250
Drumheller	15	748	726½	1,474½
Big Valley .....	..	..	..	..
Brazeau	1	417	40	457
Brooks .....	..	..	..	..
Hanna .....	..	..	..	..
Lacombe .....	..	..	..	..
Trochu .....	..	..	..	..
Three Hills .....	..	..	..	..
Carbon .....	..	..	..	..
Battle River .....	..	..	..	..
Camrose	1	17½	..	17½
Tofield .....	..	..	..	..
Clover Bar	2	61	129¼	190¼
Edmonton	3	45	82	127
Namoo .....	..	..	..	..
Cardiff	2	..	120	120
Wabamun	1	3	10	13
Pembina	1	150	451¼	601¼
Jasper Park	2	245	..	245
Yellowhead	2	128	66	194
Mountain Park	2	360	90	450
Peace River .....	..	..	..	..
Total	46	7,418½	3,397	10,815½

A closer estimate of the extent to which electricity is used in the different districts may be made by considering the number of tons of coal raised per electrical horse-power employed in all mines under The Mines Act. The following table will give this information.

TONS OF COAL PER ELECTRICAL HORSE-POWER EMPLOYED.

Districts	Tons of Coal mined in 1920	Above ground	Below ground	Total above and below ground
Crow's Nest Pass	1,775,529	520	2,192	420
Pincher Creek	5,575	...	...	...
Lethbridge	850,662	972	2,198	675
Magrath	1,827	...	...	...
Milk River	6,230	...	...	...
Taber	133,027	...	...	...
Bow Island	6,456	...	...	...
Medicine Hat	14,816	987	206	170
Aldersyde	8,339	...	...	...
High River	1,834	...	...	...
Canmore	275,511	551	2,755	459
Banff	130,594	522	...	522
Drumheller	1,210,687	1,619	1,666	821
Big Valley	52,349	...	...	...
Brazeau	453,875	1,088	11,347	993
Brooks	13,856	...	...	...
Hanna	29,643	...	...	...
Lacombe	14,515	...	...	...
Trochu	20,218	...	...	...
Three Hills	32,327	...	...	...
Carbon	8,564	...	...	...
Battle River	13,509	...	...	...
Camrose	72,567	4,147	...	4,147
Tofield	53,226	...	...	...
Clover Bar	343,396	56,285	2,657	1,752
Edmonton	97,133	2,158	1,185	765
Namoo	16,807	...	...	...
Cardiff	175,102	...	1,426	1,426
Wabamun	29,751	9,917	2,975	2,288
Pembina	146,810	979	325	244
Jasper Park	235,584	945	...	945
Yellowhead Pass	437,093	3,415	6,471	2,253
Mountain Park	241,429	671	2,682	536
Peace River	82	...	...	...

This table is useful to show, by comparison with other years, the growth or decline in the use of electricity in the Province as a whole, and in each district taken separately.

The number of electrically driven coal-cutting machines in use at the end of the year was thirty-five.

COAL-CUTTING MACHINERY.

District	No. of coal-cutting machines operated by		Tons of coal mined by	
	Electricity	Compressed air	Electricity	Compressed Air
Crow's Nest Pass
Pincher Creek
Lethbridge	101	...	636,797
Magrath
Milk River
Taber	1	39	7,001	111,786
Bow Island
Medicine Hat	3	5	5,040	3,807
Aldersyde	5	...	...
High River
Canmore	1	...	31
Banff
Drumheller	20	54	885,666	417,211
Big Valley
Brazeau	2	...	16,967
Brooks
Hanna
Lacombe
Trochu	6	...	7,784
Three Hills	2	...	14,698
Carbon
Battle River
Camrose
Tofield
Clover Bar	3	8	92,851	61,207
Edmonton	8	...	27,922
Namao
Cardiff	4	...	118,970	...
Wabamun
Pembina	4	...	146,697	...
Jasper Park
Yellowhead Pass	7	...	32,914
Mountain Park
Peace River
Total	35	238	1,256,225	1,331,124

ACCIDENTS.

Summary table showing accidents occurring in Mines during 1906 to 1920 inclusive:

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	69,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61*	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,656
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,729	209†	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,648,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
Total	54,571,693	509	639	688	107,213	85,401	79,319

*—Including thirty-one deaths caused by the Bellevue explosion.

†—Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Table showing Accidents during 1920 classified according to the coal field in which they occurred:

	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
Domestic	3,359,308	15	28	30	233,954	119,975	111,977
Bituminous	3,419,021	13	24	8	263,001	142,417	427,378
Anthracite	130,594	1	1	..	130,594	130,594	....

Classification of Accidents according to outputs of mines which produced during the year 1920:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	From 300,000 to 400,000 tons	Over 400,000 tons	Total
Fatal	1	3	3	11	1	7	3	29
Serious	4	8	4	11	8	10	9	53
Slight	7	16	7	3	4	..	1	38
Total	12	27	14	25	13	17	12	120

Table showing number of tons of coal extracted per accident in mines which produced during 1920:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	From 300,000 to 400,000 tons	Over 400,000 tons	Total
Fatal ...	263,832	289,022	326,408	134,301	785,695	246,256	270,666	2,382,239
Serious ..	65,958	108,383	244,806	134,301	98,212	172,379	101,500	1,303,357
Slight ...	37,690	54,191	139,889	492,438	176,424	723,792	812,000	1,811,814
Total ...	21,896	32,113	69,944	59,092	60,483	101,399	67,666	57,574

The following tables show the number of tons produced per accident:

DOMESTIC COAL MINES.

District	Output	Average No. of men emp.	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Pincher Creek ..	5,575	10	....	....	....	....
Lethbridge	850,662	1,427	212,665	121,523	170,132	50,039
Magrath	1,827	7	....	....	....	....
Milk River	6,230	25	....	....	....	....
Taber	133,027	292	133,027	133,027	....	66,513
Bow Island	6,456	16	....	....	....	....
Medicine Hat ..	14,816	32	....	....	14,816	14,816
Aldersyde	8,339	19	....	4,669	8,336	2,778
High River	1,834	4	....	....	....	....
Drumheller	1,210,687	1,782	201,781	242,137	172,955	67,260
Big Valley	52,349	64	52,349	52,349	....	26,174
Brooks	13,856	26	....	....	....	....
Hanna	29,643	57	....	....	....	....
Lacombe	14,515	28	....	....	....	....
Trochu	20,218	58	....	20,218	20,218	10,109
Three Hills	32,327	53	....	32,327	10,775	8,081
Carbon	8,564	20	....	....	....	....
Battle River	13,509	29	....	....	....	....
Camrose	72,567	87	....	72,567	....	72,567
Tofield	53,226	54	....	....	53,226	53,226
Clover Bar	343,396	462	171,698	171,698	85,849	42,924
Edmonton	97,133	182	....	97,133	16,188	13,876
Namoo	16,807	39	....	16,807	16,807	8,403
Cardiff	175,102	197	....	175,102	....	175,102
Wabamun	29,751	47	....	....	....	....
Pembina	146,810	153	146,810	48,937	....	36,702
Peace River	82	3	....	....	....	....
Total	3,359,308	5,173	223,954	119,975	111,977	46,182

BITUMINOUS COAL MINES

Crow's Nest						
Pass	1,775,529	1,918	221,941	177,552	355,106	77,197
Canmore	275,511	340	....	55,102	137,755	39,359
Brazeau	453,875	669	226,937	226,937	....	113,469
Jasper Park	235,584	441	235,584	117,792	235,584	58,896
Yellowhead Pass ..	437,093	500	437,093	109,273	....	87,419
Mountain Park ..	241,429	360	241,429	241,429	....	120,714
Total	3,419,021	4,228	263,001	142,259	427,378	75,978

ANTHRACITE COAL MINES

Banff	130,594	287	130,594	130,594	65,297
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LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Jan. 2	Edmonton Collieries Ltd.	M. Conley	35	Miner	He was shearing coal at the face of No. 11 room, when his pick struck a piece of rock, and slipped, striking him on the leg. The point of the pick entered his leg, bruising the bone.
Jan. 3	Sturgeon Valley Coal Co. Ltd.	M. King	31	Pusher	He was lifting a mine car on to the track, and slipped, straining himself, causing hernia.
Jan. 5	Rose-Deer Coal Mining Co. Ltd.	F. A. Salzer	30	Miner	He was loading coal in No. 5 room, when a piece of roof rock dropped out of a pothole, striking him on the head. Injuries to his head, from which he died five hours later.
Jan. 7	Rosedale Coal Co. Ltd.	H. D. Donaldson	30	Miner	He was loading a car in pillar workings, when a piece of top coal became dislodged, and fell on him causing internal injuries in the region of the heart from which he died instantly.
Jan. 13	Henry Thierriault	G. Rhodes	27	Overman	He was passing a horse, when it turned, and pinned his arm against the side of the entry. Dislocated wrist.
Jan. 14	Edmonton Collieries Ltd.	W. L. Roberts	40	Miner	The electrician was testing out a shot-firing battery cable with a cap. Roberts came on the scene unexpectedly, and was struck on the hand by a piece of copper from the cap.
Jan. 14	Humberstone Coal Co. Ltd.	David Morris	66	Fireboss	He was getting into the skip before the return signal was received from the engineer on the surface and the skip was hoisted, catching him between it and the side of the shaft, killing him instantly.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Jan. 15	Dobell Coal Co. of Tofield Ltd.	T. Thoreson	45	Laborer	He was taking protection from a shot which was being fired in the coal in the stripping pit, when a piece of coal fell vertically, striking him on the head. Slight cuts on head.
Jan. 17	Rosedale Coal Co. Ltd.	P. Azzano	47	Miner	He had fired a shot, and returned before the shot exploded, being struck by flying coal. Cut about face, and shoulder bruised.
Jan. 21	Alec Fraser	A. McGaw	25	Miner	He was throwing a lump of coal to the car when it broke, and fell to the floor, causing a pick to bounce up and pierce the back of his hand. Bad flesh wound on back of hand.
Jan. 22	Edmonton Collieries Ltd.	E. Mieski	37	Miner	He was putting up a set of timber, when the stringer fell down, and struck him on the chest, bruising same.
Jan. 24	Canada West Coal Co. Ltd.	F. Bryan	34	Loader	He had fired a shot on the roadside of his place, and was loading the coal out, when a piece of rock fell on him. Dislocated right thigh, left leg broken in several places.
Jan. 26	North American Collieries Ltd.	J. McDade	24	Examiner	He had fired shots in the entry, and was examining the place before the miners commenced to work, when a large piece of rock fell on to his leg, Left leg broken below the knee.
Jan. 27	P. J. McPeak	S. Dmytry	30	Miner	He was taking down coal in pillar workings when a piece fell on to his hand, crushing it against the floor, bruising it.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Jan. 30	Can. Pac. Ry. Dept. Nat. Res.	J. Patterson	19	Trapper	He was down in the cage, and had placed his arm around the railing instead of taking hold with his hand; the hand caught a buntion, breaking bone in wrist.
Jan. 30	Can. Pac. Ry. Dept. Nat. Res.	A. Crook	28	Gripper	He was bringing a trip of 28 loaded cars from No. 6 Butt on to the main to connect with the rope, and found he had only 15 cars, the other 13 having become uncoupled. He started the 13 cars to connect them to the trip, and in passing around the curve they bumped and got off the track, crushing him against the rib. From the effects of the injuries he died half an hour later.
Jan. 31	R. P. Ottewell Coal Mine	W. Lammie	41	Miner	He had pushed a loaded car from his working place, and was getting an empty car, when the loaded car ran back, crushing him against a post. Bruised right side.
Feb. 3	Can. Pac. Ry. Dep. Nat. Res.	G. Cirrek	16	Driver	He was hauling a loaded car from pillar workings, and fell off the bumper with his right arm across the rail, the wheels passed over the arm, crushing same, so that it had to be amputated between elbow and shoulder.
Feb. 9	Humberstone Coal Co. Ltd.	T. Archibald	35	Miner	He was digging coal from the face in No. 4 east entry, when a piece of coal fell on his foot. Bruised foot.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Feb. 9	W. R. Walsh	S. Gerade	28	Timberman	He was re-timbering the double parting at foot of slope, when a timber broke, allowing a large slab of rock to fall, pushing out two sets of timber, one of which struck him on the arm. Broken arm.
Feb. 13	Can. Pac. Ry. Dep. Nat. Res.	G. A. Pinchak	18	Gripper	He was taking in a trip of empty cars, and had stopped his trip, when another trip coming behind bumped into the tail-end of his trip, knocking him off the car in front of his trip. Broken collar bone.
Mar. 12	Federal Coals Ltd.	J. Hudak	50	Miner	He was lifting a mine car on the track, and slipped, wrenched his right shoulder.
Mar. 12	Western Gem Mining Co. Ltd.	H. Zarth	27	Machine man	He was operating an electric coal-cutting machine, having just changed the jack, when a piece of roof-rock fell on him, breaking his spine and causing internal injuries from which he died about 7½ hours later.
Mar. 19	Henry Thierrault	A. Rhodes	31	Miner	He was caught by a piece of roof-rock falling on him, crushing his chest on right side, also sprained ankle.
Mar. 23	North American Collieries Ltd.	L. Collett	26	Switchman	He was switching R. R. cars, and got caught between a pile of car doors and a box car. Injured internally.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Mar. 31	Elgin Coal Co. Ltd.	C. N. Ferguson ..	29	Machine runner	He was operating a Sullivan Electric coal-cutting machine, when a piece of rock (to which his jack bar was braced) broke and fell on his head, breaking a blood-vessel in the brain. He died from the effects of the injury on April 2, 1920.
April 9	North American Collieries Ltd.	C. McDiarmid ..	24	Box car loaded engineer	He was oiling gears on the coal conveyor, and placed his left hand on the gears, which pulled his hand into same. Loss of three fingers at first joint, and badly lacerated thumb and little finger.
April 12	R. P. Ottewell Coal Mine	M. Shaligan	38	Miner	He was pulling down coal, when a piece of top coal fell on him, knocking against the coal face, causing bruises to his face and back.
April 22	Can. Pac. Ry. Dep. Nat. Res.	J. Makarenko	30	Driver	He was coming out of 22 Butt 6 face entry, No. 6 shaft N. E., with a trip of loaded cars. When he reached the switch on 5 Face entry, the first car jumped the track, and caught him against prop.
April 29	Can. Pac. Ry. Dep. Nat. Res.	L. Giacomina	45	Coal loader	Giacomina entered a cross cut with the intention of passing through to the other entry, when he ignited a small quantity of gas with his open light. The fireboss had examined the place in the morning at the usual time, and found it clear. The place has been examined on three occasions since the accident and found clear.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
May 6	Can. Pac. Ry. Dep. Nat. Res.	J. Dunlop	25	Timber sawyer. No. 6 shaft	While cutting booms with the circular saw, the saw struck a knot and caught his hand.
May 12	Can. Pac. Ry. Dep. Nat. Res.	J. Smerok	14	Trapper No. 6 shaft	Was riding on trip of loaded cars on endless rope haulage without permission, and probably getting off the trip whilst it was in motion, fell in front of cars.
May 17	Miller, Smith & Miller	D. McMillan	38	Miner	McMillan loaded a shot hole with black powder and fuse, and after igniting the fuse went some distance down the entry to wait until his shot went off. He mistook a shot fired by a miner in an adjacent place for his own. He went back to his room, arriving there just as his shot exploded. Slight bruises and cuts on both legs.
May 18	Humberstone Coal Co. Ltd.	F. Notch	29	Machine runner	He was running a mining machine, when a piece of coal and clay fell from the roof and struck him on the back. Bruised back.
May 20	Rosedale Coal Co. Ltd.	A. Smith	29	Driver	Smith's horse was pulling a trip of three cars up to a car standing on the track; the horse pulled off to the side when approaching car, pulling the trip off the track; the cars passed over Smith's leg, lacerating and breaking it.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
May 20	North American Collieries Ltd.	P. Smith	37	Miner	Through accidental overwind of hoisting engine, the cage hit the bottom rather hard, knocking down the occupants. Smith and Barber returned to the surface and walked home.
May 20	North American Collieries Ltd.	J. Barber	31	Miner	
May 31	Federal Coals Ltd.	N. Chychuk	38	Loader	While assisting the workman in the adjoining room to push out a loaded car, the car left the track, and crushed his head against the prop. Base of skull fractured.
June 11	Canada West Coal Co. Ltd.	J. J. Powell	26	Driver	Powell was driving through the parting in Morgan's entry when a piece of sandstone about 6 feet long and 1 foot wide and up to 3 foot 6 inches thick, fell on him, breaking his back and left thigh.
July 21	Federal Coals Ltd.	A. Gurr	32	Machine runner's helper	He had a small tin of carbide placed inside a large tin, and had left the top off the small tin. Moisture had come in contact with the carbide generating gas, which on opening the large tin came in contact with his open light, burning his face.
July 28	Chinook Coal Co. Ltd.	F. Baceda	60	Laborer	Presumed that he fell into the slack hopper below the screens, and was suffocated.
Aug. 3	Can. Pac. Ry. Dep. Nat. Res.	J. Zubic	28	Loader	He was engaged in brushing the roof on 24 Butt entry, when a fall of roof took place, striking him on the leg, breaking his ankle.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Aug. 10	Cardiff Collieries Ltd.	P. Bynovitch	26	Blacksmith	While lacing a belt which was over a drive shaft in the machine shop, the belt caught and drew him over the shaft. Left arm badly twisted, possible fracture, wound on forearm and back of hand.
Aug. 10	Bush Mine Coal Co. Ltd.	S. Karpovitch	30	Miner	He was mining coal, when a fall of roof took place, striking him on the head and hip. Broken nose and dislocated hip.
Aug. 17	Jewel Collieries Ltd.	R. Francis	32	Miner	A small accumulation of gas at the face of the main entry was ignited by an open light, causing burns to back, neck and arms.
Aug. 17	Jewel Collieries Ltd.	J. Sullivan	37	Miner	Ignited a small pocket of gas with his naked light on his head. Slight burns on the back of hands and neck.
Aug. 17	Excelsior Coll. Ltd.	A. de Backer	30	Miner	He was engaged in taking down coal, when a piece fell on to his foot. Bruised foot.
Aug. 23	P. J. McPeak	Alex Zohan	46	Miner	He was engaged taking an empty timber truck off the cage at the surface landing, and it is presumed had not got the truck clear of the shaft before signalling the engineer to lower the cage. The descending cage must have struck the truck, throwing it and him down the shaft causing injuries from which he died on August 28.
Aug. 25	North American Collieries Ltd.	J. McCrosby	33	Switcher	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Sept. 13	Scranton Coal Co. Ltd.	N. Swyryder	25	Miner	A fall of rock took place in No. 4 room 3 south entry, striking him on the back of his neck. Spine injured.
Sept. 21	The Ellis Coal Co. Ltd.	Alex. Hutchinson		Box loader	He was moving coal in a box car, when a piece of coal from the chute struck him on the hand. Bruised hand.
Oct. 28	The Elgin Coal Co. Ltd.	P. Popevich	24	Miner	He was placing timber when a piece of rock fell from the roof, knocking the timber on to his leg, breaking it above the knee.
Nov. 2	Can. Pac. Ry. Dep. Nat. Res. Lethbridge	T. Bryan	41	Loader—No. 6 shaft	He was loading coal, when a piece of draw slate fell from the roof on his back, badly bruising it and his hip.
Nov. 8	Canadian Dinant Coal Co. Ltd.	A. Heyworth	29	Cager	He was standing on the siding at the foot of the slope, when an empty car came down the slope without the rope, and struck him, breaking his leg.
Nov. 10	Moonlight Coal Co. Ltd.	F. McDonald	24	Box car loader	He was working in a box car shovelling coal when a teamster threw a piece of coal into car. Bruised hand.
Nov. 19	Can. Pac. Ry. Dep. Nat. Res. Lethbridge	A. Olshaskie	25	Driver	He was bringing a trip of loaded cars out of 23 Butt entry, and ran into a trip being brought out of the face entry, which threw the first car of his trip off the track, crushing him against the timber. Fatal.
Nov. 19	Great West Coal Co. Ltd.	R. Walker	18	Coupler	He was engaged coupling cars on the siding at the foot of the slope, when a trip of loaded cars broke away on the slope and ran back down the slope, striking the empty cars, catching him between the cars. Fatal.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Nov. 22	Peters & Kinchin	Jas. McKinlay ...	42	Miner	He was picking coal from the face of room, when a piece of coal flew from the point of the pick, striking him in the eye. Bruised right eye.
Nov. 23	John Oliphant	F. Glover	34	Machine runner	He was bringing an electric coal-cutting machine out of a room on to the entry, when it struck a joint in the track, swinging and catching him, crushing him between the machine and timber on the side of the entry. Bruised back.
Dec. 6	McPeak Coal Co.	A. Hopwood	26	Miner	He was firing a shot in his place, having returned to a place of safety, and, hearing a number of shots explode, thought his had exploded, and returned in time to be struck by flying coal. Left arm broken, and bruises about body and face.
Dec. 7	Acadia Coal Co.	E. McPhillips ...	41	Miner	He was walking on the tippie and overbalanced, fell through, striking his head on the rock pile below. Bruised head and internal injuries from which he died.
Dec. 13	Rose-Deer Coal Mining Co. Ltd.	O. Gustafson	25	Miner	He was firing two shots, and, hearing one explode, went back, in time to be struck by flying coal from the second shot. Loss of left eye.
✓ Dec. 15 ✓ Dec. 15	North American Collieries Ltd. North American Collieries Ltd.	S. Doones	39	Miner	Firing of shot ignited a small quantity of gas, burning both men from which they died.
		J. C. Sippell	47	Examiner	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Dec. 15	R. P. Ottewell	M. Thomson	18	Teamster	Was standing near the engine-house, while cars were being lowered on surface incline, when the break was released suddenly, and safety catch tore out bolt, striking him and cutting him over left eye.
Dec. 16	North American Collieries Ltd.	W. H. Smith	18	Switcher	Was putting a locomotive in shaft bottom when he jammed his hand between pipe and timber. Lost third finger, and broke little finger of right hand.
Dec. 17	The Ellis Coal Co. Ltd.	J. McKinney	48	Miner	Was undermining coal, when a piece of rock fell from roof, bruising his left shoulder.
Dec. 17	The Ellis Coal Co. Ltd.	M. Duda	42	Miner	Was shoveling coal into car, when rock fell from roof, bruising his hand and breaking left arm.
Dec. 18	North American Collieries Ltd.	W. Dean	22	Motorman	While re-railing a car at a switch tie, slipped and locomotive ran onto car, crushing him between them. Compound fracture left leg above knee.
Dec. 29	P. J. McPeak	W. Bugo	33	Pusher	Was pushing loaded mine car, when he was caught by another car, which crushed his leg between cars, bruising it.
Dec. 29	Big Valley Collieries Ltd.	L. Depelcheau	38	Miner	A small cave of rock took place at face of room, striking him on the hip, dislocating left hip.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Jan. 8	McGillivray Creek Coal & Coke Co. Ltd.	O. Gosling	21	Driver	He was struck by rail, which was being lowered, and became detached from fastenings. Cut on head and compound fracture of left leg.
Jan. 15	Yellowhead Coal Company	D. J. McFayden	34	Carpenter's helper	He was assisted in raising timbers in the new tippie, when a large piece of timber fell on his foot, crushing the foot near toes.
Jan. 19	Brazeau Collieries Ltd.	J. Mihaliski	43	Miner	He was working on top of the bench coal at the face of the entry, when a piece of coal dropped from the coal face, striking him on the leg. Compound fracture of right leg.
Jan. 23	Canmore Coal Co. Ltd.	J. P. Kohl	22	Rope-rider	He was jumping off a trip which was in motion, and struck his knee on the ground. Fractured right knee.
Feb. 9	Jasper Park Collieries Ltd.	J. Kennedy	38	Miner	He was working with his partner at the face of an angle, when a fall of coal occurred, which knocked him down the chute. Right leg broken at thigh.
Feb. 9	Jasper Park Collieries Ltd.	G. Onychuk	24	Miner	He was working in his place when a fall of rock occurred, catching him. Bruised about head, back, and chest. Left ankle sprained.
Feb. 11	Saunders Creek Collieries Ltd.	J. Sare	44	Timberman	He was preparing to take down a piece of overhanging rock, when a piece of it broke off and fell, striking him on the head, causing fatal injuries.
Feb. 16	Hillcrest Collieries Ltd.	T. Chalopka	29	Miner	The bench of coal at the face of his room slipped, catching his leg. Fracture of leg.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Feb. 21	Canmore Coal Co. Ltd.	D. L. R. Strachan	30	Miner	An ignition of gas took place, which was caused by a spark from signal wire bell, at face of No. 5 jig, Stewart seam. Burnt about neck, face, back and wrists.
May 20	Canmore Coal Co. Ltd.	V. Talvi	35	Miner	Slight burns on right hand and face, caused by above ignition of gas.
Mar. 11	Mountain Park Coal Co. Ltd.	G. Soreniak	25	Driver	He was putting a car, that had been derailed, on to the track, when the horse started up, pulling the car over his leg. Left leg broken.
Mar. 15	Alberta & Crow's Nest Pass Coal Co. Ltd.	L. Schroeder	53	Rock miner	He was endeavoring to open the door of the powder magazine, which was blocked with snow and ice, using a pick to loosen the ice, when the pick struck some detonators, which exploded. He was cut and bruised about the face.
Mar. 26	Hillcrest Collieries Ltd.	M. McNeil	21	Driver	He was driving a horse with a trip of four loaded cars, and in some manner fell under the first car. He was found lying under the car. Fracture of skull and internal injuries, from which he died when taken from below the car.
April 2	Oliphant-Munson Coll. Ltd.	W. Passkevitch	24	Laborer	He was working in the pit, when a small slide took place, which caught him. Leg broken above knee, right arm and face injured.
April 9	Oliphant-Munson Coll. Ltd.	D. Lonel	30	Laborer	He was working in a shaft on the coal bench, when a piece of frozen clay slipped off the side, striking him on the leg, breaking it above the ankle.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
April 23	International Coal & Coke Co. Ltd.	M. Beela	42	Miner	While packing timber, a piece of rock rolled down from face. Right leg broken about three inches above ankle.
April 27	International Coal & Coke Co. Ltd.	W. Ashurst	37	Fireboss	Piece of top coal fell, severely injuring back and head.
May 3	Oliphant-Munson Coll. Ltd.	G. W. Fleming	21	Laborer	He was carrying a can of gasoline, when sparks from locomotive ignited the gasoline, and set him on fire.
May 12	Oliphant Munson Collieries Ltd.	H. Howell	26	Steam locomotive Engineer	Howell was engineer on G. T. P. Ry., engine No. 45. At the time of the accident he was switching cars in the pit. After putting some cars in place, he got down off his engine to examine some of the couplings, and was crushed while doing so. Shoulder and hip severely bruised, and internal injuries, from the results of which he died.
May 17	West Canadian Collieries Ltd. Greenhill Mine	E. McEwen	24	Teamster	He was sitting on an empty barrel, driving to stables on surface, when wagon wheels hit a rut, throwing him out and caught his leg in the wheel breaking it.
June 10	International Coal & Coke Co. Ltd.	J. Chalmers	49	Miner	A piece of rock fell from the roof, causing a compound fracture of both legs. Death resulted from shock and loss of blood.
June 11	Saunders Creek Collieries Ltd.	A. Campbell	36	Rope-rider	He was attempting to replace a derailed loaded car which was attached to hoisting rope; the hoist being started on signal, pulled the car against a timber, knocking same out, causing a cave of rock, which fell on him killing him instantly.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
July 6	Hillcrest Collieries Ltd.	D. Cysar	30	Miner	He was working in Room No. 372, and for some unknown reason had gone into Room No. 373, which was fenced off, on account of gas being at the face, and was overcome by the gas. Death resulted from asphyxiation.
Aug. 4	Saunders Creek Collieries Ltd.	F. Falvo	27	Rope-rider	While in the act of coupling loaded cars, he got his left leg between the bumpers, the cars bumped together, catching his leg, causing a compound fracture above the ankle.
Aug. 7	International Coal & Coke Ltd.	T. Brookes	32	Chute loader	The compressed air locomotive was being used to switch cars; Brookes stepped on to the front end of the locomotive, when his head got caught between the locomotive and a chute, breaking his neck.
Sept. 13	West Canadian Collieries Ltd.	W. Warn	40	Outside foreman	He was supervising repair work being done to the slope hoist at top of the slope, and fell off a plank, striking his head on the ground. Fractured skull at the base.
Sept. 17	Jasper Park Collieries Ltd.	L. E. Jelliconer	33	Miner	He was loading coal into a mine car, and struck his head against a lagging, causing a fracture of the skull behind the right ear, causing concussion of the brain, which set up paralysis. Fatal.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Sept. 22	Jasper Park Collieries Ltd.	N. J. Etson	26	Motorman	He was riding on the compressed air motor, moving empty cars, and leaning over, was caught between a prop and the motor. Crushed about the hips.
Oct. 5	West Canadian Collieries Ltd. Greenhill Mine	J. Rezac	40	Miner	He had been assisting shotlighter connect up shots at face of room, and was going back to safe place while shots were being fired, when a cave took place near the face, and a piece of rock struck him on the back of head, breaking his neck.
Oct. 11	Canmore Coal Co. Ltd.	J. Hill	47	Overman	He was inspecting working places, when he slipped and fell down a manway. Two ribs broken.
Oct. 26	Canmore Coal Co. Ltd.	W. R. Grainger	23	Miner	He was pulling down a piece of rock from the roof, when he slipped, and the rock fell on his arm, bruising and lacerating it below the elbow.
Nov. 4	Canmore Coal Co. Ltd.	H. Shandruk	20	Switchman	He was coupling cars at foot of main slope, and got jammed by them. Broken collar bone.
Nov. 4	McGillivray Creek Coal & Coke Co. Ltd.	S. Delli	34	Miner	A cave of rock took place at the face of water level No. 3 slope, striking him on the head.
Nov. 12	West Canadian Collieries Ltd. Greenhill Mine	L. Raffin	37	Miner	He jumped back from a fall of coal at face of entry, and fell over the bulkhead, breaking his leg.
Nov. 16	Bellevue Collieries Ltd.	M. Bzowy	30	Miner	He was working in a pillar when a fall of coal took place, striking him on the head and chest.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Nov. 16	Bellevue Collieries Ltd.	P. Babinn	24	Driver	He was taking a loaded car down grade, when a sprag broke, allowing the car to push him against the horse, crushing his leg.
Nov. 17	Canmore Coal Co. Ltd.	W. B. O'Connor	25	Laborer	He was loading rock when a piece of cap-rock fell from the roof, knocking him down. Collar bone and two ribs on right side broken.
Nov. 18	Bellevue Collieries Ltd.	E. Hulka	25	Coal Bucker	He was taking down coal in No. 10 chute when fall of rock took place, smothering him.
Nov. 18	Mountain Park Coal Co. Ltd.	A. Berube	22	Chute Loader	He was engaged loading coal from a chute, and for no reason entered a room, which was fenced off for gas, passed through the fence into the gas, and was asphyxiated.
Dec. 3	Bellevue Collieries Ltd.	L. Bombon	28	Laborer	He was unloading a car of rock, and dropped a piece of rock on his foot, crushing his toes.
Dec. 4	Bellevue Collieries Ltd.	A. J. Smith	49	Examiner	He was walking across the surface track and tripped over the rail, striking his leg on the rails, cutting and bruising same.
Dec. 4	West Canadian Collieries Ltd. Bellevue Mine	P. Chichalko	33	Miner	He was working at the face of pillar when fall of coal took place, striking his right leg, fracturing it in three places, also ankle crushed.
Dec. 6	West Canadian Collieries Ltd. Bellevue Mine	E. Easton	56	Miner	He was working on a bench of coal at face of room, when he slipped and fell into chute. Crushed shoulder and broken vertebrae.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1920.—(Continued).

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
Dec. 21	West Canadian Collieries Ltd. Bellevue Mine	C. Bonier	38	Miner	He was working at face of pillar, when he slipped and fell, fracturing the Dorsal vertebrae. He died from shock as a result of his injuries shortly after.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE ANTHRACITE FIELD IN 1920.

DATE	MINE	NAME	AGE	OCCUPATION	DETAILS
April 22	Can. Pac. Ry. Dep. Nat. Res.	Frank Yacubie ..	35	Miner	He was bucking coal down No. 4 chute, and apparently slipped and fell in the chute, below the counter gangway. A piece of board lying across the chute near the bulkhead caught him under the chin, and the weight of coal coming down behind him pressed him against the board suffocating him.
Oct. 26	Can. Pac. Ry. Dep. Nat. Res.	J. Nedilak	34	Miner	He was standing on the bumper of a car sawing off the end of a chute, when another car bumped into the car he was standing on, crushing his leg between the cars. Left leg broken below the knee.

FATAL ACCIDENTS

The fatal accident which occurred to Fred A. Salzer, on January 5, in the mine operated by the Rose-Deer Coal Mining Co. Ltd., near Wayne, was caused by a fall of rock. He was loading coal at the face of No. 5 room, when a piece of rock dropped out of a pot-hole in the roof, striking him on the head, causing injuries from which he died five hours later.

The fatal accident which occurred to Herbert D. Donaldson, on January 7, in the mine operated by the Rosedale Coal Co. Ltd., near Rosedale, was caused by a fall of coal. He was loading a car in pillar workings when a piece of top coal became dislodged, and fell on him, injuring him internally, causing instant death.

The fatal accident which occurred to David Morris on January 14, in the mine operated by the Humberstone Coal Co. Ltd., near Beverly, was caused by his being crushed between the skip and the side of shaft. He was stepping into the skip before the return signal had been received from the engineer on the surface, the skip was hoisted, catching him between it, and the side of the shaft, killing him instantly.

The fatal accident which occurred to Albert Crock, on January 30, in the mine operated by the Canadian Pacific Railway Company, Department of Natural Resources, near Lethbridge, was caused by his being crushed between loaded cars and the side of the entry. He was engaged as a gripper on endless rope haulage, bringing a trip of twenty-eight loaded cars, when thirteen became uncoupled from the trip; he started these cars to connect with the trip, and in passing around a curve they bumped and became derailed, crushing him against the side of the entry. He died from the effects of the injuries half an hour later.

The fatal accident which occurred to John Sarc. on February 11, in the mine operated by the Saunders Creek Collieries Ltd., near Saunders, was caused by a fall of rock. He was preparing to take down a piece of overhanging rock, when a piece broke off striking him on the head, causing injuries from which he died shortly after.

The fatal accident which occurred to Harry Zarth, on March 12, in the mine operated by the Western Gem Mining Co. Ltd., near Drumheller, was caused by a fall of rock. He was operating an electric coal-cutting machine, and had just changed the jack bar, when a piece of rock fell from the roof onto his back, breaking his spine and causing internal injuries, from the effects of which he died seven hours and a half later.

The fatal accident which occurred to Malcolm McNeil, on March 26, in the mine operated by the Hillcrest Collieries Ltd., near Hillcrest, was caused by his falling in front of a loaded car. He was driving a horse hauling a trip of four loaded cars, and in some manner fell in front of the first car. When found, he was under the car, his skull being fractured; also receiving internal injuries from the effects of which he died while being removed from below the car.

The fatal accident which occurred to C. N. Ferguson, on March 31, in the mine operated by the Elgin Coal Co. Ltd., near Drumheller, was caused by a fall of rock. He was operating an electric coal-cutting machine, when a piece of rock fell from the roof on to his head, severing

a blood-vessel in his brain. He died from the effects of his injuries on April 2, 1920.

The fatal accident which occurred to Frank Yakubic, on April 22, in the mine operated by the Canadian Pacific Railway, Department of Natural Resources, at Bankhead, was caused by his being suffocated in a chute. He was bucking coal down No. 14 chute and apparently slipped, and fell into the chute below the counter gangway, and a piece of board which was lying across the chute caught him under the chin, and the weight of the coal pressing behind him pressed him against the board, suffocating him.

The fatal accident which occurred to John Smerek, on May 12, in the mine operated by the Canadian Pacific Railway, Department of Natural Resources, near Lethbridge, was caused by his falling in front of a trip of loaded cars. He was riding, without permission, on a trip of loaded cars which were being hauled by an endless rope, and probably while getting off the trip whilst it was in motion, fell in front of the cars and was crushed by same, receiving injuries from which he died some five hours later.

The fatal accident which occurred to Hugh Howells, on May 12, in the mine operated by the Oliphant-Munson Collieries Ltd., near Basing, Alberta Coal Branch, was caused through his being crushed between railway cars. He was engaged as engineer on the Grand Trunk Pacific Railway, and was switching railway cars into the stripping pit. After putting some cars in place, he got down off his engine to examine some car couplings, and was crushed between two cars, receiving internal injuries, from which he died in the hospital at Edmonton on May 13.

The fatal accident which occurred to James Chalmers, on June 10, in the mine operated by the International Coal and Coke Co. Ltd., Coleman, was caused by a fall of rock. He was mining coal at the face of a room, when a piece of rock fell from the roof, striking him on the legs, causing a compound fracture of both legs. Death resulted from shock and loss of blood.

The fatal accident which occurred to J. J. Powell, on June 11, in the mine operated by the Canadian West Coal Co. Ltd., near Taber, was caused by a fall of rock. He was driving a horse through the parting on Morgan's entry, when a piece of sandstone fell from the roof, striking him on the back and left thigh, breaking same, from the effects of which he died some two hours later.

The fatal accident which occurred to Adam Campbell, on June 11, in the mine operated by the Saunders Creek Collieries Ltd., at Saunders, was caused by a fall of rock. He was attempting to replace a derailed car which was attached to the hoisting rope; the hoist being started, on signal, pulled the car against a timber knocking same out and causing a cave of rock, which fell on him, killing him instantly.

The fatal accident which occurred to Dimid Cysar, on July 6, in the mine operated by the Hillcrest Collieries, near Hillcrest, was caused by asphyxiation. He was working in room No. 372, and for some unknown reason had gone into room No. 373, which was fenced off, owing to an accumulation of gas at the face. He passed through the fence, and got into the gas, being overcome by same. Death resulted from asphyxiation.

The fatal accident which occurred to F. Bacceda, on July 26, at the mine operated by the Chinook Coal Co. Ltd., near Commerce, was caused by his being suffocated in a slack hopper. He was working taking slack from the hopper to the boiler house, and it was presumed he must have fallen into the hopper below the screens, and became suffocated by the slack.

The fatal accident which occurred to Thomas Brookes, on August 7, in the mine operated by the International Coal and Coke Co. Ltd., at Coleman, was caused through his being crushed between a chute and compressed air locomotive. The locomotive was being used to switch cars in the mine; Brookes stepped on to the front end of the locomotive, when his head was caught between the end and a chute, breaking his neck, from the effect of which he died instantly.

The fatal accident which occurred to John McCrory, on August 25, at the mine operated by the North American Collieries Ltd., near Evansburg, was caused through his falling down the shaft. He had gone up the shaft from below, and was engaged with another man taking empty timber trucks off the cage at the surface landing and it is presumed had not got the truck clear of the shaft before signalling the engineer to lower the cage. The descending cage must have struck the end of the truck, throwing it and him down the shaft, causing injuries from which he died in the hospital at Edmonton on August 28, 1920.

The fatal accident which occurred to Louis E. Jelicour, on September 17, at the mine operated by the Jasper Park Collieries Ltd., was caused through striking his head against a timber. He was loading a mine car, and in turning around struck his head against a piece of lagging, causing a fracture of the skull behind the right ear, which set up paralysis, from which he died on September 28, 1920.

The fatal accident which occurred to J. Rezac, on October 5, at the mine operated by the West Canadian Collieries Ltd., near Blairmore, was caused through a fall of rock. He had been assisting the shot-lighter in connecting up shots at the face of a room, and was going back to a safe place while the shots were being fired, when a cave took place near the face, and a piece of rock, rolling down the chute, struck him on the back of the head, breaking his neck, death being instantaneous.

The fatal accident which occurred to Sam Delli, on November 4, at the mine operated by the McGillivray Creek Coal & Coke Co. Ltd., near Coleman, was caused through a fall of rock. He was working near the face of the water level, at No. 3 slope, when a large cave of rock took place, striking him on the head and burying him, killing him instantly.

The fatal accident which occurred to Efin Hulka, on November 18, at the mine operated by the Bellevue Collieries Ltd., near Bellevue, was caused through a fall of rock. He was bucking coal in No. 10 chute, when a fall of rock took place, which caught him, burying him, and suffocating him.

The fatal accident which occurred to Alfred Berube, on November 18, at the mine operated by the Mountain Park Coal Co. Ltd., Mountain Park, was caused by asphyxiation. He was engaged loading coal from a chute, and for some unknown reason entered a room which was fenced off, owing to an accumulation of gas being at the face. He passed through the fence into the gas and was asphyxiated.

The fatal accident which occurred to Alex. Olshaskie, on November 19, at the mine operated by the Canadian Pacific Railway, Department of Natural Resources, Lethbridge, was caused through his being crushed between mine car and timber. He was driving a horse taking a trip of loaded cars out of No. 23 Butt entry, and ran into a trip being brought out of the face entry, which threw the first car of his trip off the track, crushing him against the timber, causing injuries from which he died shortly afterwards.

The fatal accident which occurred to Richard Walker, on November 19, at the mine operated by the Great West Coal Co. Ltd., near Clover Bar, was caused through his being crushed between empty cars. He was engaged coupling cars on the siding at the foot of the slope when a trip of loaded cars, which was being hoisted up the slope, broke away and ran back, striking the empty cars between which he was standing, fracturing his left leg and causing internal injuries, from the effects of which he died ten hours later.

The fatal accident which occurred to Edward McPhillips, on December 7, at the mine operated by the Acadia Coal Co., near Big Valley, was caused through his falling off the tippie. He was walking on the tippie ahead of a car loaded with rock, and in some manner overbalanced and fell through on to the rock pile below, striking his head and receiving internal injuries, from the effects of which he died ten minutes later.

The fatal accident which occurred to Steve Doenes and J. C. Sippell, on December 15, at the mine operated by the North American Collieries Ltd., was caused through their being burned by an ignition of gas. Sippell, who was the shot-lighter, fired a shot with an electric battery in the place operated by Doenes. This shot ignited gas which must have been present at the time. The flame burned both men severely about the face and hands. Doenes succumbed to the effects of his injuries on December 19, and Sippell on December 23.

The fatal accident which occurred to C. Bonier, on December 21, at the mine operated by the West Canadian Collieries, Ltd., Bellevue, was caused through his falling and fracturing the dorsal vertebrae. He was working at the face of pillar workings, when he slipped and fell, and in doing so must have wrenched his back, causing the above injuries. He died from shock, as the result of the above injuries, shortly after receiving same.

TABLE SHOWING ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1920.

Months	Above Ground				Below Ground				Total Above and Below ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January .....	..	1	2	3	4	8	6	18	21
February .....	..	..	..	..	1	6	3	10	10
March .....	..	..	2	3	3	1	1	5	8
April .....	..	3	..	3	1	3	2	6	9
May	1	3	..	4	1	3	3	7	11
June .....	..	..	..	..	3	..	..	3	3
July	1	..	..	1	1	..	2	3	4
August	1	1	..	2	1	3	5	9	11
September ....	..	..	1	1	1	3	..	4	5
October .....	..	..	..	..	1	3	1	5	5
November .....	..	..	1	1	5	6	4	15	16
December	1	..	3	4	3	8	2	13	17
Total	4	9	9	22	25	44	29	98	120

Tabulated list of Accidents occurring in the Province above and below ground during the year 1920.

Cause	Fatal		Serious		Slight		Total	
	A.	B.	A.	B.	A.	B.	A.	B.
Haulage	7	1	15	.	4	1	26
Falls of Rock	9	2	14	.	4	2	27
Falls of Coal	1	.	7	.	5	.	13
Ignition of Gas	2	.	1	.	5	.	8
Asphyxiation by gas	2	.	.	.	.	.	2
Electric Coal Cutting Mach..	1	.	1
Shot-firing	2	1	2	1	4
Detonators	2	.	2	.
Ignition of Acetylene Gas	1	.	1
Shaft Accidents	1	1	.	1	.	2	1	4
Falling into Chute	1	.	2	.	.	.	3
Slipped on pavement in pillar.	.	1	.	.	.	.	.	1
Fall of timber while plac- ing same	1	.	1
Struck by coal from pick-point	1	.	1
Struck by pick point slip- ping off rock	2	.	2
Head crushed striking against timber	1	.	.	.	.	.	1
Railroad cars	1	.	.	.	1	.	2	.
Tipple Machinery	1	.	.	.	1	.
Tipple Accident	2	.	.	.	.	.	2	.
Caught by moving belt in machine shop	1	.	.	.	1	.
Miscellaneous	4	2	5	1	9	3
Total	4	25	9	44	8	29	22	98

Tabulated List of Accidents Occurring in the Province above and below ground for the year 1920, classified according to the Districts in which they occurred.

Name of District	Fatal		Serious		Slight		Total		Total above and below ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Crow's Nest Pass	8	1	9	3	2	4	19	23
Pincher Creek
Lethbridge	1	3	1	7	.	5	2	15	17
Magrath
Milk River
Taber	1	.	1	.	.	.	2	2
Bow Island
Medicine Hat	1	.	1	1
Aldersyde	2	.	1	.	3	3
High River
Canmore	5	.	2	.	7	7
Banff	1	.	1	.	.	.	2	2
Drumheller	6	.	5	2	5	2	16	18
Big Valley	1	.	.	1	.	.	1	1	2
Brazeau	2	.	2	.	.	.	4	4
Brooks
Hanna
Lacombe
Trochu	1	.	1	.	2	2
Three Hills	1	1	2	1	3	4
Carbon
Battle River
Camrose	1	.	.	.	1	1
Tofield	2	.	2	1	3	1	7	8
Clover Bar	1	1	5	1	6	7
Edmonton	1	1	1	.	2	2
Namoo	1	.	.	1	.	1
Cardiff	1	.	.	.	.	.	.
Wabamun
Pembina	1	.	1	2	.	.	2	2	4
Jasper Park	1	.	2	.	1	.	4	4
Yellowhead	1	.	4	.	.	.	5	.	5
Mountain Park	1	1	.	.	.	1	1	2
Peace River
Total	4	25	9	44	9	29	22	98	120

THE MINES BRANCH

The following tables give the classification of accidents according to the Coal Field in which they occurred.
DOMESTIC

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage, (endless) crushed between derailed car and side of entry.	.	.	.	1	1	.	2
Rope Haulage, (endless) fell in front of trip	.	.	.	1	1	.	2
Rope Haulage slope, struck by runaway loaded cars	.	.	.	1	.	.	1
Rope Haulage slope, struck by runaway empty car	1	.	1
Electric Storage Battery Locomotive Haulage, crushed between locomotive and car	1	.	1
Electric Storage Battery Locomotive Haulage, hand crushed while spragging	1	.	1
Horse Haulage, fell in front of loaded car	1	.	1
Horse Haulage, crushed between derailed car and timber	.	.	.	1	.	.	1
Horse Haulage, crushed between horse and side of entry	1	.	1
Horse Haulage, struck by derailed loaded car	1	.	1
Hand Haulage, crushed between loaded cars	1	1
Hand Haulage, crushed between loaded car and timber	1	1	2
Hand Haulage, slipped while replacing car on track	1	1	2
Fall of rock at face of room	.	.	.	2	7	2	11
Fall of rock on entry	.	.	.	1	3	.	4
Fall of rock on entry while timbering	.	.	.	1	.	.	1
Fall of coal at face of room	1	.	1
Fall of coal at face of entry	1	2	3
Fall of coal in pillar workings	.	.	.	1	.	1	2
Coal-cutting machinery (electricity) crushed between derailed machinery and side of entry	1	1
Ignition of gas from shot fired in coal	.	.	.	2	.	.	2
Ignition of gas by open light	4	4
Ignition of acetylene gas by open light	1	1
Shot-firing, returned too soon after firing shot, struck by flying coal	2	2	4

DOMESTIC (Continued).

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Shot-firing, struck by flying coal from shot in stripping pit .....	.	.	1	.	.	.	1
Testing shot-firing, cable struck by pieces of detonator .....	.	.	1	.	.	2	1
Struck by pick which slipped off a piece of rock in coal .....	.	.	.	.	.	1	2
Struck by coal from pick point .....	.	.	.	.	.	1	1
Fall of timber while placing same .....	.	.	.	.	1	.	1
Shaft accident, hand caught between bunton and cage .....	.	.	.	.	.	.	1
Shaft accident, crushed between skip and side of shaft .....	.	.	.	1	.	.	1
Shaft accident, cage struck bottom too hard .....	.	.	.	.	.	2	2
Shaft accident, cage carried down shaft by timber truck	1	1	.	.	.	.	1
Shaft accident, hand caught while oiling gears .....	.	.	.	.	.	.	1
Tippie machinery, hand caught while oiling gears	1	.	.	.	.	.	1
Tippie accident, fell off tippie	1	.	.	.	.	.	1
Tippie accident, fell into stack hopper .....	.	.	1	.	.	.	1
R. R. cars, crushed between cars and pile of lumber .....	.	1	.	.	.	.	1
Caught by moving belt in machine shop .....	.	1	3	.	.	1	1
Miscellaneous .....	.	.	.	.	.	.	5
	3	3	6	12	25	24	73

The following tables give the classification of accidents according to the Coal Field in which they occurred:
BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage, fell in getting off trip which was in motion	1	.	1
Rope Haulage, crushed while coupling cars	2	.	2
Rope Haulage, caught by fall of rock caused by derailed loaded car	1	.	.	1
Compressed air locomotive haulage, crushed between chute and locomotive	1	.	.	1
Compressed air locomotive haulage, crushed between locomotive and timber
Horse Haulage, fell under the first car	1	.	.	1
Horse Haulage, crushed between horse and loaded car	1	1
Horse Haulage, crushed by derailed car	1	.	.	.	.	1
Fall of rock in pillar workings	1	.	1	2
Fall of rock at face of slope	1	.	1
Fall of rock at face of room	2	2	1	5
Fall of rock at face of entry	1	.	.	1
Fall of rock on entry	1	.	.	1
Fall of rock in stripping pit	2	.	.	.	.	2
Fall of coal at face of room	2	.	2
Fall of coal in pillar workings	1	1	2
Fall of coal at face of entry	3	.	3
Ignition of gas by spark from electric bell	1	1	2
Asphyxiated by gas in fenced off place	2	.	.	2
Slipped while working in pillar, broken back	1	.	.	1
Falling off bench into chute	2	.	2
Falling into mainway	1	.	1
Struck his head against a timber at face of entry	1	.	.	1
R. R. cars, crushed between cars	1	.	1	.	.	.	1
Detonators, struck a pick into box of detonators while digging in ice	1
Miscellaneous	3	2	.	2	.	7
	1	6	3	12	18	5	45

The following tables give the classification of accidents according to the Coal Field in which they occurred:
ANTHRACITE

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Falling in chute, suffocated	1	i	.	1
Hand haulage, on entry, crushed between loaded cars	1
	.	.	.	1	1	.	2

Table showing accidents during 1920 classified according to the mines in the DOMESTIC Field in which they occurred:

Name of Operator	District	Above Ground			Below Ground			Total	
		Above Ground			Below Ground				
		Fatal	Serious	Slight	Fatal	Serious	Slight		
Can. Pac. Ry. Dept. of Nat. Res.	Lethbridge	..	1	..	3	6	1	10	11
Federal Coals Ltd.	Lethbridge	..	..	..	..	1	2	3	3
North American Colls. Ltd.	Lethbridge	..	..	..	..	..	2	2	2
Chinook Coal Co. Ltd.	Lethbridge	1	..	..	..	..	..	..	1
Canada West Coal Co. Ltd.	Laber	..	..	..	1	1	..	2	2
John Oliphant	Medicine Hat	..	..	..	..	..	1	1	1
Henry Theriault	Aldersyde	..	..	..	..	2	..	2	2
Alec Fraser	Aldersyde	..	..	..	..	..	1	1	1
Rosedale Coal Co. Ltd.	Drumheller	..	..	..	1	1	1	3	3
Rose-Deer Coal Min. Co. Ltd.	Drumheller	..	..	..	1	1	..	2	2
North American Colls. Ltd.	Drumheller	..	1	1	2	1	..	3	4
Jewell Collieries Ltd.	Drumheller	..	..	..	..	..	2	2	2
Westn. Gem Mining Co. Ltd.	Drumheller	..	..	..	1	..	..	1	1
Scranton Coal Co. Ltd.	Drumheller	..	..	..	..	1	..	1	1
Excelsior Collieries Ltd.	Drumheller	..	..	..	..	..	1	1	1
Miller, Smith & Miller	Drumheller	..	..	..	..	..	1	1	1
Moonlight Coal Co. Ltd.	Drumheller	..	1	1	..	..	..	..	2
Elgin Coal Co. Ltd.	Drumheller	..	..	..	1	1	..	1	1
Big Valley Collieries Ltd.	Big Valley	..	..	..	..	1	..	1	1
Acadia Coal Co.	Big Valley	1	..	..	..	..	..	..	1
Waters & Kinchin	Trochu	..	..	..	..	..	1	1	1
William R. Walsh	Trochu	..	..	..	..	1	..	1	1
The Ellis Coal Co. Ltd.	Three Hills	..	..	1	..	1	2	3	4
Can. Dinant Coal Co. Ltd.	Camrose	..	..	..	..	1	..	1	1
Dobell Coal Co. of Tofteld Ltd.	Tofteld	..	..	1	..	..	..	..	1
Humberstone Coal Co. Ltd.	Clover Bar	..	..	..	1	1	1	3	3
Bush Mine Coal Co. Ltd.	Clover Bar	..	..	..	..	..	1	1	1
R. P. Ottewell	Clover Bar	..	..	1	..	..	2	2	3
Great West Coal Co. Ltd.	Clover Bar	..	..	1	1	..	..	1	1
P. J. McPeak	Edmonton	..	..	..	..	1	3	4	4
Edmonton Collieries Ltd.	Edmonton	..	1	1	..	..	2	2	3
Sturgeon Valley Coal Co. Ltd.	Namoo	..	..	..	..	1	1	1	1
Namoo Collieries Ltd.	Namoo	..	..	..	..	..	..	..	1
Cardiff Collieries Ltd.	Cardiff	..	1	..	..	..	1	1	1
North American Colls. Ltd.	Pembina	1	1	..	..	2	..	2	4
		3	3	6	12	25	24	61	73

Table showing accidents during 1920 classified according to the mines in the BITUMINOUS Field in which they occurred.

Name of Operator	District	Above Ground			Below Ground			Total
		Fatal	Serious	Slight	Fatal	Serious	Slight	
Hillcrest Collieries Ltd.	C. N. Pass	..	..	..	2	2	..	4
West Canadian Colls. Ltd. Bellevue	C. N. Pass	..	..	..	1	3	..	4
International Coal & Coke Co. Ltd.	C. N. Pass	..	..	..	2	2	..	4
Bellevue Collieries Ltd.	C. N. Pass	..	2	2	1	..	2	5
McGillivray Creek Coal & Coke Co. Ltd.	C. N. Pass	..	..	..	1	1	..	2
West Can. Colls. Ltd., Greenhill	C. N. Pass	..	1	..	1	1	..	3
Alta. & Crow's Nest Pass Coal Co. Ltd.	C. N. Pass	..	1	1	..	..	..	1
Canmore Coal Co., Ltd.	Canmore	..	..	..	..	5	2	7
Brazeau Collieries Ltd.	Brazeau	..	..	..	..	1	..	1
Saunders Creek Colls. Ltd.	Brazeau	..	..	..	2	1	..	3
Jasper Park Colls. Ltd.	Jasper Park	..	..	..	1	2	1	4
Yellowhead Coal Co.	Yellowhead	..	1	1	..	..	..	1
Oliphant-Munson Colls. Ltd.	Yellowhead	1	3	4	..	..	..	4
Mtn. Park Coal Co. Ltd.	Mtn. Park	..	1	1	1	..	..	2
		1	6	3	12	18	5	45

Table showing accidents during 1920 classified according to the mines in the ANTHRACITE Field in which they occurred:

Name of Operator	District	Above Ground			Below Ground			Total
		Fatal	Serious	Slight	Fatal	Serious	Slight	
Can. Pac. Ry. Dept. of Nat. Res.	Banff	..	..	..	1	1	..	2

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1920.

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Philip J. Payne	Overman	Absent from duty on January 13 and 14, 1920. Section 95	Convicted	Fined \$25	\$14.30
Brazeau Collieries Ltd.	Timberman	Smoking in mine contravention of Section 97.	Convicted	Fined \$50, 3 mo. hard labor	9.50
McGillivray Creek Coal & Coke Co. Ltd.	Chute Loader	Did enter mine without permission. Sec. 88	Convicted	Fined \$5.00	6.00
McGillivray Creek Coal & Coke Co. Ltd.	Miner not employed by Co.	Did enter mine without permission. Section 88	Convicted	Fined \$5.00	4.25
Western Gem Mining Co. Ltd.	Examiner	For not fencing off room 17 off No. 2 West Entry. Sub. sec. 2 of Section 110	Convicted	Fined \$25.00 or 1 month	2.00
Western Gem Mining Co. Ltd.	Examiner	Made untrue daily report. Section 69	Convicted	Fined \$20.00 or 1 month	2.00
Blue Diamond Coal Co. Ltd.	Miner	Firing shots without certificate	Convicted	Fined \$5.00	6.00
Blue Diamond Coal Co. Ltd.	Examiner	Failed to supervise preparation of shots and allowed men to fire their own shots	Convicted	Fined \$25.00 or 1 month	6.00
Blue Diamond Coal Co. Ltd.	Miner	Fired shots without certificate. Sec. 65, Subsec. 7 and 8	Convicted	Fined \$5.00	6.00
Brazeau Collieries Ltd.	Driver	Willful damage to safety lamp underground. Subsec. 3 of Sec. 113	Convicted	Fined \$25.00	15.00
Jasper Park Coll. Ltd.	Miner	Had in his possession key or contrivance for relighting safety lamp without authority contra. sub-sec. 4, Sec. 138 of The Mines Act.	Convicted	Fined \$50	5.50
Blue Diamond Coal Co. Ltd.	Examiner	Fired shots without warning workmen. sub-sec. 2, Sec. 111.	Convicted	Fined \$10	1.00
Blue Diamond Coal Co. Ltd.	Timber Packer	Smoking in the mine. Subsec. 3, Sec. 64.	Convicted	Fined \$5.00	4.00
C. L. Kusler	Miner	Took dynamite into shack without authority. Sec. 107.	Convicted	Fined \$35.00	8.25

ANALYSES OF COAL

Date on which sample was taken.	Name of persons taking sample	Kind of sample	Name of operator of mine from which sample was taken	Address	Proximate Analyses				Value in Calorific B.T.U.	Remarks
					Moisture	Volatile Matter	Fixed Carbon	Ash		
4-11-20	Moses Johnson	Mine	Chinook Coal Co. Ltd.	Commerce	10.1	33.0	47.1	9.8	10,755	Face of No. 14 room 5th Butt entry.
4-11-20	Moses Johnson	Mine	Chinook Coal Co. Ltd.	Commerce	9.8	33.6	42.8	13.8	10,300	Face of No. 1 Butt entry 3rd N. W.
5-11-20	Moses Johnson	Mine	Chinook Coal Co. Ltd.	Commerce	9.4	33.5	47.0	10.1	10,685	Face of No. 5 room off 1st butt entry S. W.
5-11-20	Moses Johnson	Mine	Chinook Coal Co. Ltd.	Commerce	8.7	33.5	48.7	9.1	10,880	Face of counter No. 3 S. W. face entry.
5-11-20	Moses Johnson	Mine	Chinook Coal Co. Ltd.	Commerce	8.6	32.7	48.6	10.1	10,745	Face of No. 6 room off 7th butt entry.
9-11-20	Moses Johnson	Mine	Federal Coals Ltd.	Lethbridge	10.2	32.6	48.9	8.3	10,770	Face of east Butt entry.
9-11-20	Moses Johnson	Mine	Federal Coals Ltd.	Lethbridge	9.5	33.2	48.5	8.8	10,770	Face of crosscut off north mine entry.
9-11-20	Moses Johnson	Mine	Federal Coals Ltd.	Lethbridge	10.1	32.9	49.5	7.5	10,740	Face of No. 2 room off main entry.
9-11-20	Moses Johnson	Mine	Federal Coals Ltd.	Lethbridge	11.5	33.2	47.7	7.6	10,545	Face of No. 1 entry off south Butt entry.
11-11-20	Moses Johnson	Mine	Lethbridge Coal Co. Ltd.	Lethbridge	9.5	34.3	47.5	8.7	10,710	Face of No. 6 room 1st butt right entry.
11-11-20	Moses Johnson	Mine	Lethbridge Coal Co. Ltd.	Lethbridge	9.6	34.1	48.5	7.8	10,925	Face of crosscut No. 2 room 2nd butt right.

ANALYSES OF COAL (Continued)

Date on which sample was taken.	Name of persons taking sample	Kind of sample	Name of operator of mine from which sample was taken	Address	Proximate Analyses				Calorific Value in B.T.U.	Remarks
					Moisture	Volatile Matter	Fixed Carbon	Ash		
11-11-20	Moses Johnson	Mine	Lethbridge Coal Co. Ltd.	Lethbridge	9.7	33.2	47.5	9.6	10,800	Face of No. 1 room off 4th butt entry.
11-11-20	Moses Johnson	Mine	Lethbridge Coal Co. Ltd.	Lethbridge	10.5	32.3	49.2	8.0	10,825	Face of 3rd left butt entry.
24-11-20	Moses Johnson	Mine	The Canada West Coal Co. Ltd.	Taber	12.8	33.0	43.5	10.7	9,900	Face of No. 2 room off 22nd west entry.
24-11-20	Moses Johnson	Mine	The Canada West Coal Co. Ltd.	Taber	12.9	32.1	45.3	9.7	10,020	Face of No. 35 room off 23rd east entry.
24-11-20	Moses Johnson	Mine	The Canada West Coal Co. Ltd.	Taber	12.3	31.6	43.8	12.3	9,720	No. 12 room off 7th west entry.
24-11-20	Moses Johnson	Mine	The Canada West Coal Co. Ltd.	Taber	13.5	32.5	46.9	7.1	10,230	No. 8 room off 9th east entry.
24-11-20	Moses Johnson	Mine	The Canada West Coal Co. Ltd.	Taber	14.2	32.8	43.1	9.9	9,890	Face of 3rd east entry.
25-11-20	Moses Johnson	Mine	The Regal Collieries Ltd.	Taber	13.0	31.8	43.0	12.2	9,645	Face of No. 1 main east entry.
25-11-20	Moses Johnson	Mine	The Regal Collieries Ltd.	Taber	14.9	31.6	46.1	7.4	10,130	Face of No. 4 west entry.
25-11-20	Moses Johnson	Mine	The Regal Collieries Ltd.	Taber	13.9	32.2	46.1	7.8	10,085	Face of No. 2 room No. 3 east entry.
25-11-20	Moses Johnson	Mine	The Regal Collieries Ltd.	Taber	13.6	31.9	43.8	10.7	9,850	Longwall face bet. 17 & 18 gateways.
26-10-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	3.3	28.4	53.7	14.6	12,200	No. 249 room off No. 2 south entry.

ANALYSES OF COAL (Continued)

Date on which sample was taken.	Name of persons taking sample	Kind of sample	Name of operator of mine from which sample was taken	Address	Proximate Analyses				Calorific Value in B.T.U.	Remarks
					Moisture	Volatiles	Fixed Carbon	Ash		
26-10-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.0	26.5	58.5	14.0	12,740	Face of No. 3 south entry near No. 385 room.
3-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.1	27.4	56.6	14.9	12,620	Face of No. 405 room off No. 4 north level.
3-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.4	26.4	58.1	14.1	12,725	Face of No. 4 south level.
3-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	2.0	26.5	54.4	17.1	12,270	Face of No. 535 room off No. 5 south level.
4-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.2	25.0	57.6	16.2	12,490	No. 111 Pillar off No. 6 north level.
4-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.1	26.0	63.6	9.3	13,470	No. 18 room off No. 1 North level.
4-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.0	27.0	62.2	9.8	13,460	No. 205 room off No. 2 north level.
4-11-20	James Crowder	Mine	Hillcrest Collieries Ltd.	Hillcrest	1.2	24.4	63.6	10.8	13,290	Face No. 305 room off 3 north level.
8-11-20	James Crowder	Comm.	Hillcrest Collieries Ltd.	Hillcrest	1.1	26.0	58.8	14.1	12,700	Tipple sample.
13-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue	1.5	26.1	60.0	12.4	12,840	Face of No. 17 room off No. 1 north level.
13-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue	1.5	26.2	56.1	16.2	12,465	Face No. 41 room off No. 7 north level.
13-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue	2.1	27.7	56.2	14.0	12,580	Face of No. 7 north main level.

ANALYSES OF COAL (Continued)

Date on which sample was taken.	Name of persons taking sample	Kind of sample	Name of operator of mine from which sample was taken	Address	Proximate Analyses				Calorific Value in B.T.U.	Remarks
					Moisture	Volatile Matter	Fixed Carbon	Ash		
13-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	1.1	26.6	56.2	16.1	12,495	No. 38 room off No. 7 south level.
13-10-20	James Crowder	Comm.	West Canadian Colls. Ltd.	Bellevue ...	1.5	25.5	56.5	16.5	12,375	Tipple sample.
14-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	2.5	23.6	58.1	15.8	12,320	No. 2 crosspitch south No. 11—No. 125 district.
14-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	3.5	24.6	56.5	15.4	12,255	No. 4 crosspitch off No. 11 in No. 125 district.
14-10-20	James Crowder	Comm.	West Canadian Colls. Ltd.	Bellevue ...	1.8	25.1	56.8	16.3	12,360	Tipple sample.
15-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	2.1	25.2	58.0	14.7	12,520	No. 152 pillar No. 4 level.
15-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	1.7	27.3	56.3	14.7	12,490	No. 141 pillar No. 4 level.
15-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	2.3	24.0	56.3	17.4	12,110	No. 136 pillar No. 4 level.
15-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	1.7	26.9	59.0	12.4	12,815	No. 128 pillar No. 4 level.
15-10-20	James Crowder	Mine	West Canadian Colls. Ltd.	Bellevue ...	1.5	28.2	58.2	12.1	12,970	No. 123½ room off No. 4 level.
15-10-20	James Crowder	Comm.	West Canadian Colls. Ltd.	Bellevue ...	1.6	25.5	55.9	17.0	12,245	Tipple Sample.
21-10-20	James Crowder	Mine	Bellevue Colls. Ltd.	Bellevue ...	2.2	24.1	55.6	18.1	11,915	Face of 450 foot level.
21-10-20	James Crowder	Mine	Bellevue Colls. Ltd.	Bellevue ...	2.5	23.9	48.3	25.3	11,110	No. 3 pillar on 800 foot level.
21-10-20	James Crowder	Mine	Bellevue Colls. Ltd.	Bellevue ...	2.4	24.0	56.4	17.2	12,100	Face of 900 foot level.

LIST OF MINES

The following table gives particulars of mines which have been opened in the Province:

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	P.		Open- ing	Aban- don- ment	
42	Alberta Railway & Irrigation Co.	Lethbridge	2	10	5	1	5 Domestic	1905	1906	....
76	Alberta Coal & Coke Co., The	Lundbreck	2	23	7	2	5 Domestic	1906	1909	....
129	Alberta Coal Mining Co. Ltd.	Edmonton	28	N. E. ¼	23	25	4 Domestic	1907	....	....
223	Adams Coal Mine Co. Ltd.	Lethbridge	3	S. E. ¼	16	10	4 Domestic	1910	1913	....
270	Arblaster & Lloyd	Bow Island	7	5	11	11	4 Domestic	1911	1913	....
390	Abel, W. S.	Kippenville	5	S. W. ¼	1	3	4 Domestic	1913	1916	....
432	Ashmore, James	Reid Hill	9	S. E. ¼	24	16	4 Domestic	1914	1915	....
358	Annon, Dominic	Winnifred	7	L. S. 12	22	12	4 Domestic	1912	....	....
443	Anderson, William J.	Sheerness	17	L. S. 1	12	29	4 Domestic	1914	....	....
474	Armour & Stauffer	Morrin	14	L. S. 2	28	31	4 Domestic	1915	1915	....
475	Aune, George	Morrin	14	N. W. ¼	3	29	4 Domestic	1915	....	....
620	Alberta Block Coal Co. Ltd.	Drumheller	13	L. S. 7	17	38	4 Domestic	1916	....	....
631	Ardley Coal Co. Ltd.	Ardley	19	N. E. ¼	21	39	4 Domestic	1916	....	....
665	Anderson, G.	Gadsby	18	L. S. 3	27	12	4 Domestic	1916	....	....
672	Annon, Dominic	Winnifred	7	L. S. 3	27	12	4 Domestic	1916	....	....
684	Atlas Coal Co. Ltd.	Drumheller	13	S. E. ¼	10	29	4 Domestic	1917	....	....
690	Anthill Coal Co. Ltd., The	Rowley	14	L. S. 4	13	32	4 Domestic	1917	....	....
708	Auchenbach, Andrew	Thelma	8	N. E. ¼	12	7	4 Domestic	1917	1917	....
712	Archibald, D.	Elcan	6	L. S. 8	4	10	4 Domestic	1917	1918	....
792	Allen, E. D.	Rosalind	22	N. E. ¼	18	43	4 Domestic	1918	1919	....
852	Alexo Coal Mining Co.	Saunders P. O.	15	L. S. 14	27	40	5 Bituminous	1920	....	....
861	Acadia Coal Mine	Calgary	19	N. S. 14	22	34	4 Domestic	1920	....	....
879	Allen, E. D.	Rosalind	22	N. E. ¼	18	43	4 Domestic	1920	....	....
24	Big Island Coal Co.	Edmonton	26	L. S. 12	and 13	51	4 Domestic	1897	....	....
25	Banach & Hoynack	Strathcona	26	Near Edmonton	South	25	4 Domestic	1897	1899	....
26	Bailey, Robert	St. Albert	27	Near St. Albert	South	25	4 Domestic	1897	1898	....
34	Bangs, J. A.	Lineham	10	Sheep Creek near Lineham			4 Domestic	1897	1900	....
45	Baldwin, J.	Edmonton	26	Near Edmonton			4 Domestic	1900	1905	....
46	Bush Mine Coal Co., The	Beverly	25	River Lot 42, Edmonton Settlement.			4 Domestic	1905	....	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
55	Briscoe, Frank	Lethbridge	4	L. S. 2	18	7	21	1902	....	....
72	Blackfoot Indians	Gleichen	16	Indian Reserve, S. of Gleichen						
133	Bellevue Collieries, Ltd.	Bellevue	1	16&21	7	3		1902	....	....
137	Bennett, Isaac	Reid Hill	9	N. W. ¼	4	16	21	1907	1915	1919
143	Bell, W. J.	Bowville	10	N. E. ¼	25	14	22	1907	1915	
153	Burmis Coal Co.	Burmis	1	N. E. ¼	14	7	3	1909	1913	
167	Ben Nevis Mines Ltd.	Nevis	18	S. E. ¼	11	39	22	1908	1916	
168	Beaver Dam Coal Co.	Nevis	18	N. E. ¼	2	39	22	1908	....	....
176	Bradshaw Mining Co.	Magrath	4	L. S. 5&6	15	29	23	1908	1913	
187	Blacklock, Alexander	Carbon	21	L. S. 11	18	10	16	1909	1913	
206	Burdett City Coal Co.	Burdett	7	L. S. 11	18	10	16	1909	1917	1918
229	Burford, Edward	Taber	6	L. S. 11	18	10	16	1910	1910	
232	Bawlf Collieries, Ltd. The	Bawlf	23	L. S. 11	10	46	18	1910	1913	
234	Baker, Hoge & Baker	Eyremore	16	L. S. 5	24	55	25	1910	1916	
237	Banner Coal Co. Ltd.	Cardiff	28	N. W. ¼	32	39	15	1910	....	....
240	Bitterman, Jacob	Halkirk	18	N. W. ¼	32	39	15	1910	....	....
245	Bish Bros. & Le Gear	Forestburg	22	L. S. 13	36	40	16	1910	....	....
248	Bish Bros. & Co.	Hastings Coulee	22	L. S. 4	1	41	16	1910	1913	
256	Brazeau Collieries Ltd.	Nordeggs	15	N. W. ¼	22	40	15	1910	....	....
284	Big Chief Coal Mining Co. Ltd.	Kimball	5	N. W. ¼	9	1	25	1911	....	....
288	Baines, H.	Gadsby	18	S. E. ¼	28	39	16	1911	1913	
300	Bullock Coal Mining Co.	Pincher Creek	2	S. E. ¼	16	6	30	1911	1916	
302	Battle River Collieries	Rosenroll	23	S. E. ¼	7	46	18	1911	1913	
305	Bonnie Brae Coal & Quarries Ltd.	Cochrane	11	S. E. ¼	6	26	4	1911	1917	
306	Bennie, James Scott	Lucky Strike	5	N. E. ¼	3	3	11	1911	1912	
356	Brown, Moses	Medicine Hat	8	N. E. ¼	28	12	7	1911	1914	
364	Big Valley Collieries Ltd.	Big Valley	14	N. W. ¼	1	36	20	1912	1916	
365	British Collieries Ltd.	Red Deer	15	N. W. ¼	43&44	20&21	5	1912	....	....
372	Bathurst Mining Co. Ltd.	Diamond City	3	N. W. ¼	5	10	21	1912	1913	
								1912	1915	

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		Re- open- ing
				S.	T.	R.		Open- ing	Aban- don- ment	
391	Block Coal Collieries Ltd.	Taber	6	N. $\frac{1}{2}$	19	10	16	1913	1916	....
401	Blake, William	Lucky Strike	5	S. W. $\frac{1}{4}$ of L. S. 8	10	3	11	1913	1914	....
404	Bergram, F.	Halkirk	18	L. S. 8	18	39	15	1913	1915	....
406	Consolidated with No. 433	Lineham	10	2	20	3	3	1913	....	....
416	Burns Coal Mines Ltd., P.	Calgary	11	L. S. 5	14	19	6&7	1913	1919	....
429	Blue Diamond Coal Co. Ltd.	Brule Mines	31	L. S. 1	16	50	27	1914	....	....
433	Blacklock, David B.	Lineham	10	S. E. $\frac{1}{4}$	2	20	3	1914	1920	....
435	Bye, E. F.	Lucky Strike	5	L. S. 9	16	3	12	1914	1914	....
452	Borthwick, Alexander	Pincher Creek	2	S. W. $\frac{1}{4}$	17	5	1	1914	1918	....
454	Bambridge, Joseph	Warner	5	L. S. 12	9	4	16	1914	1915	1919
456	Brooks, Edmund J.	Hill Springs	2	E. $\frac{1}{2}$ of L. S. 9	13	28	4	1914	1914	....
457	Bradley & Watson	Pincher Creek	2	L. S. 4	16	6	30	1914	1914	....
464	Brooks, Burton Thomas	Drumheller	13	L. S. 4	23	29	20	1915	....	....
476	Blusson, Joseph	Champion	9	L. S. 9	33	15	23	1915	....	....
485	Black Diamond Oil Field Ltd.	Lineham	10	L. S. 3, 6 and 7	29	19	4	1915	1915	....
486	Brown, Charles E.	Hanna	17	L. S. 3, 6 and 7	29	32	13	1915	....	....
602	Burns, John	Little Plume	8	N. $\frac{1}{2}$ of L. S. 6	2	9	5	1915	....	....
619	Ball, Mathew	Brida	19	N. E. $\frac{1}{4}$	10	35	21	1915	1916	....
647	Brisco, Frank	Hill Springs	5	L. S. 4	3	4	27	1916	1918	....
655	Brown, Samuel H.	Halcourt	34	L. S. 6	21	70	7	1916	1918	....
659	Bennett, Isaac	Armada	9	L. S. 9	29	16	21	1916	1918	....
689	Bradgich, George	Thelma	8	L. S. 5	18	7	2	1917	1918	....
700	Brooks & King	Elcan	6	L. S. 2	10	10	17	1917	1917	....
701	Burge, James	Drumheller	13	L. S. 10	11	29	20	1917	1918	1920
704	Bennett, Fred	Forestburg	22	L. S. 12	25	40	16	1917	1917	....
716	Bare, W. R.	Maycroft	2	L. S. 9	27	10	3	1917	1919	....
724	Brunstadt, S. H.	Round Hills	23	S. W. $\frac{1}{4}$	14	48	18	1917	1919	1920
732	Breeding, S. B.	Maleb	7	L. S. 13	6	8	10	1918	....	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
736	Blacklock, Dave B.	Linham	10	S. 1½	20	3	Domestic	1918	.....
755	Brisco, Frank	Cardston	5	W. ½	34	26	Domestic	1918	.....
757	Bow City Coal Co.	Byremore	16	S. W. ¼	32	17	Domestic	1918	.....
774	Britannia Collieries, Ltd.	Wabamun	29	R. A. between 7 & 8	53	4	Domestic	1918	.....
780	Brooks, C. T.	Bow Island	7	L. S. 2	12	11	Domestic	1918	.....
781	Bow City Coal Co.	Eyremore	16	S. W. ¼	32	16	Domestic	1918	.....
786	Burns Coal Mines, Ltd. P.	Calgary	11	L. S. 3	14	19	Bituminous	1918	.....
802	Blairmore Coal Co. Ltd.	Blairmore	1	E. ½	34	7	Bituminous	1919	.....
804	Bettis, Alma	Manyberries	5	L. S. 9	18	3	Domestic	1919	.....
829	Blackstone Coal Ltd.	Lovettville	32	S. E. ¼	19	47	Bituminous	1919	.....
833	Brookdale Collieries Ltd.	Lovettville	32	L. S. 6	16	47	Bituminous	1919	.....
842	Batie, J. A.	Bassano	16	S. W. ¼	34	20	Domestic	1919	.....
875	Baxter, Robert & E. F.	Rocky Mtn. House	15	S. E. ¼	21	39	Bituminous	1920	.....
707	Beverly Coal & Gravel Co. Ltd.	Edmonton	25	R. L. 36, 38 & 40	24	10	Domestic	1917	1920
2	Canmore Coal Co. Ltd.	Canmore	11	L. S. 13	6	9	Bituminous	1896	.....
3	Can. Pac. Ry. Dpt. Nat. Res.	Lethbridge	3	S. W. ¼	18	53	Domestic	1895	.....
9	Clover Bar Mine Coal Co. Ltd.	Beverly	25	L. S. 1	18	53	Domestic	1897	.....
14	Consolidated with No. 9	Edmonton	25	L. S. 1	18	53	Domestic	1897	1901
32	Cardiff Collieries, Ltd. The	Cardiff	28	N. W. ¼	24	55	Domestic	1902	.....
44	Carpenter, Elia	St. Albert	27	S. W. ¼	17	55	Domestic	1897	1899
59	Carpenter, Chas. E.	Lundbreck	2	N. E. ¼	26	7	Domestic	1902	.....
62	Cresswell, Charles	Medicine Hat	8	Near Medicine Hat			Domestic	1902	.....
63	Cameron, John	Okotoks	10	Near Okotoks			Domestic	1902	1904
80	Can. Pac. Ry. Dept. Nat. Res.	Bankhead	12	19	26	11&12	Anthracite	1903	.....
83	Consolidated Coal Mining Co.	Medicine Hat	8	Sec.	2	9	Domestic	1905	1907
93	Cameron, John	Edmonton	26	R. L. 18		5	Domestic	1904	1906
105	Canada West Coal Co. Ltd. The	Taber	6	L. S. 7	31	9	Domestic	1905	.....
121	Carbon Brick & Coal Co.	Carbon	21	L. S. 7	19	29	Domestic	1906	1909
132	Canadian Pacific Railway Company	Taber	6	L. S. 14	7	10	Domestic	1907	.....
178	Consolidated with No. 397	Taber	27	S. E. ¼	8	55	Domestic	1908	.....
207	Carbon Hill Coal & Coke Co.	Namoo	1	S. E. ¼	3	6	Bituminous	1909	1913

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R.		Open- ing	Aban- don- ment	
230	Cousins, R. W. K.	Cochrane	11	S. E. $\frac{1}{4}$	6	26	4	1910	1910	....
247	Chinook Coal Co. Ltd.	Commerce	3	L. S. 7	12	10	22	1910	....	....
250	Connor Coal Mining Co. Ltd.	Wabamun	29	S. W. $\frac{1}{4}$	14	53	4	1910	1916	....
293	Coal Securities Ltd.	Frank	2	S. W. $\frac{1}{4}$	14	53	3	1911	1913	....
339	Collins, James A.	Coalspur	32	33	48	21	22	1912	1913	....
360	Castella Bros.	Standard	16	N. W. $\frac{1}{4}$	2	25	22	1912	....	....
386	Cameron Bros.	Namoo	27	S. W. $\frac{1}{4}$	17	55	24	1913	1915	....
387	Cable Bros. & Williams	Gadsby	18	N. W. $\frac{1}{4}$	28	39	16	1913	1916	....
420	Clarke & Davis	Namoo	27	S. E. $\frac{1}{4}$	8	55	24	1913	1915	....
424	Consumers' Coal Co. Ltd.	Wabamun	29	E. $\frac{1}{2}$	30	52	4	1914	1917	....
438	Curran, J. D.	Banff	12	33	25	11	5	1914	1918	....
460	Clemens, P. F.	Gem	16	L. S. 4	12	23	15	1914	....	....
473	Cook, W. R.	Morrin	14	N. E. $\frac{1}{4}$	28	31	21	1915	1916	....
492	Cattenach, Donald	Garden Plain	17	N. E. $\frac{1}{4}$	6	34	13	1915	1915	....
499	Cambrian Coal Co.	Elean	6	L. S. 2	4	10	17	1915	....	....
609	Carlson, John	Donalda	22	L. S. 5	22	42	17	1915	....	....
629	Calgary Copper Co. Ltd.	Calgary	12	3 miles north of Eldon				1915	1919	....
634	Clarke, A. C.	Verdant Valley	13	N. E. $\frac{1}{4}$	14	28	19	1915	1916	....
657	Coldren, Earl	Peace River	34	L. S. 3	28	83	21	1916	1918	....
680	Chapman, George	Erskine	18	S. E. $\frac{1}{4}$	34	37	22	1917	1917	....
693	Cadomin Coal Co. Ltd.	Cadomin	33	L. S. 14	31	46	23	1917	....	....
722	Christie Oil Co.	Calgary	11	L. S. 1	18	26	5	1917	....	....
726	Coltor, Evert Chas.	Drumheller	13	L. S. 16	12	28	19	1918	1918	....
744	Chaley, Mike	Wayne	13	L. S. 7	19	28	19	1918	1918	....
761	Crawford, R. James F. Spencer, E.	Lethbridge	3	L. S. 4	35	8	22	1918	1918	....
799	Cooper, Harry	Lousana	19	N. W. $\frac{1}{4}$	24	36	22	1919	1920	....
865	Colbert, H. V.	Strathcona	26					1920	....	....
867	Callie Coal Co. The	Drumheller	13	River Lot 20	1	29	20	1920	....	....
882	Crown Coal Co. Ltd.	Edmonton	26	L. S. 3	34	28	18	1915	....	....
880	Colter, Frank	Delia	17	L. S. 3	34	28	18	1920	....	....
8	Daly, William	Clover Bar	26	N. E. $\frac{1}{4}$	7	53	23	1903	1920	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
100	Domestic Coal Co., No. 669	Taber	6	L. S. 6	1	10	4 Domestic	1905	1918
152	Driggs, H. A.	Grassy Lake	7	N. E. ¼	15	13	4 Domestic	1907	1910
155	Dawson Coal Co. Ltd.	Edmonton	26	R. L. 25	E. Set.		4 Domestic	1907	1910
166	Dweak, R. E.	Edmonton	18	Alix	34	23	4 Domestic	1908	1918
173	Duncan, W. E.	Taber	6		29	9	4 Domestic	1908	1909
177	Dunkin & Stevens Co.	Edmonton S.	26		28	16	4 Domestic	1908	1909
190	Durrant, R. B.	Livingstone	2	R. L. 17	28	24	4 Domestic	1908	1910
236	Drowning Ford Co. The	Medicine Hat	8	N. W. ¼	36	8	5 Domestic	1909	1910
273	Davis & Green	Halkirk	18	L. S. 12	32	15	4 Domestic	1910	1914
285	Davis, Thomas	Noble	9	L. S. 18	39	15	4 Domestic	1911	1914
287	Davidson, G. W.	Big Valley	14	S. E. ¼	18	11	4 Domestic	1911	1913
290	Davidson, R. T.	Big Valley	14	S. W. ¼	36	35	4 Domestic	1911	1914
298	Consolidated with No. 290	Big Valley	14	S. W. ¼	36	35	4 Domestic	1911	1914
326	Davis, W. M.	Scollard	14	S. W. ¼	36	35	4 Domestic	1911	1914
340	Dobell Coal Co. of Tofield Ltd.	Tofield	24	S. E. ¼	35	50	4 Domestic	1911	1914
349	Drumheller Land Co. Ltd.	Drumheller	13	L. S. 14	2	29	4 Domestic	1912	1916
362	Duell, Richard	Longview	10	L. S. 14	8	18	4 Domestic	1912	1916
381	Davies, Evan T.	Lucky Strike	5	L. S. 13	6	3	5 Domestic	1912	1916
425	Depew & Miller	Raymond	4		8	5	4 Domestic	1913	1914
453	Davis & Brown	Pincher Creek	2		27	5	4 Domestic	1914	1915
463	Dennis, Wilson	Maycroft	2		31	10	4 Domestic	1914	1915
605	Donaldson, Christopher S.	Commerce	3	N. W. ¼	16	10	5 Domestic	1915	1916
614	Dietrich Bros. & Johnson	Hastings Coulee	22	L. S. 4	14	42	4 Domestic	1915	1916
641	Davies, Evan T.	Milk River	5	E. ½	35	2	4 Domestic	1915	1916
669	Domestic Coal Co.	Taber	6	L. S. 3	1	10	4 Domestic	1916	1916
660	Davies, Elmer	Gadsby	18	S. E. ¼	28	39	4 Domestic	1916	1916
735	DuRochervill Mining Co. Ltd. The	Nanton	10		15	3	5 Domestic	1916	1916
860	Duchess Coal Co. Ltd.	Calgary	16	L. S. 1	2	23	4 Domestic	1920	1904
10	Edmonton Coal Co.	Edmonton	26	R. L. 22	E. Sett.		4 Domestic	1897	1904
20	Elliott & Louisberg	Edmonton	26	Near Edmonton.			4 Domestic	1897	1904
50	Edmonton Coal Co.	Edmonton	26	R. L. 20	E. Sett.		4 Domestic	1901	1904

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
68	Evans & Robinson	Edmonton	26	R. L. 25	E. Sett.		Domestic	1902	1905
70	Ellis, William	Okotoks	10		9	2	Domestic	1902	1911
118	Evans, John	Medicine Hat	8	S. E. ¼	5	6	Domestic	1906	1907
130	Elean Valley Collieries Ltd.	Elean	6		3	10	Domestic	1907	1918
147	Edmonton Collieries Ltd.	Edmonton	26	Fraser Flats			Domestic	1907	1911
213	Ervine, S.	Grassy Lake	7		9	10	Domestic	1909	1914
218	Consolidated with No. 206	Champion	9	S. ½		13	Domestic	1909	1913
259	Erickson Bros.	Milk River	5	S. W. ¼	32	2	Domestic	1910	1913
296	Ellis, James	Champion	9	L. S. 1	8	16	Domestic	1911	1913
384	Ellis Coal Co. Ltd.	Three Hills	20	S. W. ¼	36	31	Domestic	1913	1915
410	Ensign, H. F.	Whitla	7		24	12	Domestic	1913	1915
449	Edall, Clark	Forestburg	22	L. S. 15	36	40	Domestic	1914	1915
628	Eldon Mining Co. Ltd.	Calgary	12	¾ Miles South of Eldon.			Copper	1915	1915
703	Excelsior Collieries Ltd.	Wayne	13	L. S. 3	7	27	Domestic	1917	1917
725	Edmonson & Iveson	Dela	17	L. S. 2	24	28	Domestic	1918	1918
764	Eccles & Harvey	Beynon	13	L. S. 2	6	28	Domestic	1918	1919
819	Elgin Coal Co. Ltd.	Drumheller	13	L. S. 14	2	29	Domestic	1919	1919
873	Enders, G. H.	Heisler	22	L. S. 7	34	42	Domestic	1920	1920
877	Edmonton Cartage Co. Ltd. The	Edmonton	26	N. W. ¼	25	25	Domestic	1920	1920
48	Franco-Canadian Collieries Ltd.	Frank	1	N. W. ¼	30	7	Bituminous	1900	1918
54	Federal Coals Ltd. (No. 1)	Lethbridge	3	L. S. 5	36	8	Domestic	1902	1902
90	Fraser-Mackay Collieries Ltd.	Clover Bar	25	L. S. 12	8	53	Domestic	1904	1904
98	Consolidated with No. 90	Clover Bar	25	L. S. 12	8	53	Domestic	1906	1906
151	Farrell, Charles	Reid Hill	9	L. S. 15	24	16	Domestic	1907	1907
323	Fortune, John	Bow Island	7	L. S. 8	14	9	Domestic	1911	1918
342	Footie, J. C.	Pleasant View	7	L. S. 9	7	9	Domestic	1912	1916
351	Fortin, W.	Legal	28		25	57	Domestic	1912	1913
600	Ferguson, David	Elean	6		4	10	Domestic	1915	1915
627	Fanning, Clarence	Donalda	22	L. S. 15	32	41	Domestic	1915	1915
656	Finggan, John K.	Halcourt	34	S. W. ¼	25	70	Domestic	1916	1917
667	Falkner, William	Alix	18		1	39	Domestic	1916	1917
688	Furber, W. R.	Ghost Pine	21		33	30	Domestic	1917	1919

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
713	Federal Coals Ltd.	Lethbridge	3	L. S. 15..	36	8	22	1917	.....	.....
729	Fanning, C.	Donalda	22	L. S. 3 ..	5	42	18	1918	.....	.....
733	Firth, Albert & Co.	Lethbridge	3	L. S. 4 ..	11	8	22	1918	.....	1919
749	Fuller, C. W.	Carbon	21	L. S. 15..	11	29	23	1918	.....	.....
758	Fraser, Alec	Carmanagay	9	L. S. 6 ..	31	14	22	1918	.....	.....
771	Foothills Collieries Ltd. The	Foothills P. O.	32	E. ½ ..	24	47	20	1918	.....	.....
777	Farrar, Henry.	Lomond	9	L. S. 9 ..	28	15	21	1918	.....	.....
806	Finstead, John, & Co.	Pendant d'Oreille	5	L. S. 2 ..	21	2	7	1919	.....	.....
807	Fanning, C.	Donalda	22	L. S. 1 ..	29	41	17	1919	.....	.....
868	Falvo, D.	Strathcona	26	L. S. 4 ..	21	51	23	1920	.....	.....
13	Gibbard & Boutwell	Namao	27	S. W. ¼ ..	17	55	24	1898	.....	1901
27	Gough & O'Neill	St. Albert	27	Sturgeon River near	St. Albert.	.....	.....	1896	.....	1898
35	Gillespie Bros.	High River	10	N. E. ¼ ..	6	13	6	1898	.....	1909
58	Great Northern Railway	Pincher Creek	2	South of Pincher	Creek	.....	.....	1901	.....	1906
67	Gallagher & Hull	Edmonton	26	Near Edmonton	South	.....	.....	1902	.....	1903
89	Great West Coal Co. Ltd. The	Edmonton	25	S. E. ¼ ..	7	53	23	1906	.....	1914
99	Great West Coal Co. Ltd. The	Edmonton	25	R. L. 7 Edmonton	Settlement.	.....	.....	1907	.....	1908
127	Garneau, Larry Junior	Edmonton	26	N. W. ¼ ..	11	11	1	1909	.....	1911
184	Good, Rola B.	Pincher Creek	2	N. W. ¼ ..	2	9	6	1909	.....	1914
200	Geddes, Day & Gibb	Medicine Hat	8	S. E. ¼ ..	18	39	15	1909	.....	1914
211	Green, H. V.	Halkirk	18	N. W. ¼ ..	1	25	11	1910	.....	1916
231	Georgetown Collieries Ltd.	Canmore	11	L. S. 9 ..	16	3	12	1911	.....	1911
278	Georgenson, Sebb.	Lucky Strike	5	S. W. ¼ ..	6	53	23	1911	.....	1915
283	Great West Coal Co. Ltd., The	Edmonton	25	L. S. 10..	28	39	16	1911	.....	1915
289	Gray, Armour	Gadsby	18	L. S. 10..	28	39	16	1911	.....	1915
294	Gibson, George	Grassy Lake	7	S. W. ¼ ..	25	9	13	1911	.....	1913
297	Ginther, F. M.	Medicine Hat	8	S. W. ¼ ..	12	13	9	1911	.....	1912
336	Gardiner, R.	Medicine Hat	8	S. W. ¼ ..	3	16	5	1912	.....	1912
352	Gainford Collieries Ltd.	Gainford	30	S. W. ¼ ..	14	53	6	1912	.....	1914
359	Grant, John A.	Black Diamond	10	L. S. 4 ..	21	19	2	1912	.....	1913
377	Gibson, George S. & Son	Grassy Lake	7	L. S. 4 ..	25	9	13	1913	.....	.....

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
378	Consolidated with No. 436	Aerial	13	S. E. ¼	28	19	4 Domestic	1913	1913
421	Goodie, Philip	Groton	5	L. S. 10..	10	3	4 Domestic	1913	1916
436	Great West Coal Co. Ltd., The	Aerial	13	S. E. ¼	28	28	4 Domestic	1914	....
458	Gilruth, James A.	Fishburn	2	L. S. 8	27	4	4 Domestic	1914	....
459	Gardner, Fred	Swalwell	20	L. S. 8	15	30	4 Domestic	1914	....
478	Giamarino, N.	Della	17	L. S. 12..	13	30	4 Domestic	1915	....
487	Giedd, Fred	Dowling Lake	17	L. S. 2	3	33	4 Domestic	1915	....
603	Griffiths, Evan	Donalda	22	N. E. ¼	32	41	4 Domestic	1915	....
623	Gordon, D. R.	Trochu	19	S. W. ¼	32	33	4 Domestic	1915	....
645	Gwilliam, David	Namao	27	S. W. ¼	6	55	4 Domestic	1916	....
687	Gibson, Samuel	Grassy Lake	7	L. S. 7	25	9	4 Domestic	1917	....
728	Green, James	Drumheller	13	L. S. 7	32	27	4 Domestic	1918	....
747	Gouge, Jesse	Cluny	16	L. S. 3	30	31	4 Domestic	1918	....
760	Goss, M. T.	Round Hill	23	L. S. 3	30	48	4 Domestic	1918	....
797	Gutche, Fred	Strathcona	26	S. E. ¼	8	51	4 Domestic	1919	....
801	Garriek, John	Drumheller	13	L. S. 3	6	28	4 Domestic	1919	....
850	Glacier Coal Co.	Coleman	1	L. S. 3	35	7	5 Bituminous	1920	....
851	Gallagher, John F.	Carbon	21	L. S. 16..	23	29	4 Domestic	1920	....
611	Glover, Wm.	Hanna	17	S. W. ¼	29	32	4 Domestic	1915	1919
415	Gibbs, J. L. A.	Parr	17	L. S. 4	5	29	4 Domestic	1913	1918
6	Humberstone, William	Edmonton	26	R. L. 12 Edmonton Settlement		14	Domestic	1896	1905
17	Holloway, R.	Strathcona	26	North. Sask. River			Domestic	1899	1899
40	Hillcrest Collieries Ltd.	Hillcrest	1	N. E. ¼	18	7	5 Bituminous	1905	....
43	Humberstone Coal Co. Ltd. The	Beverly	25	L. S. 15	7	53	4 Domestic	1899	....
109	Harper Coal Co.	Edmonton	26	R. L. 22 Edmonton Settlement		21	Domestic	1906	1910
134	Henderson Bros.	Reid Hill	9	N. E. ¼	29	16	4 Domestic	1907	1913
171	Hanna & Moe	Taber	6	N. E. ¼	27	9	4 Domestic	1908	1909
181	Hart, Edward	Taber	6	S. E. ¼	11	10	4 Domestic	1908	1917
189	Hedstrom Bros.	Carbon	21	S. W. ¼	7	29	4 Domestic	1909	1919
209	Head Syndicate Ltd.	Burnis	1	S. W. ¼	9	7	5 Bituminous	1909	1913
214	Halbert, William	Three Hills	20	L. S. 11..	14	49	4 Domestic	1909	1915
215	Hyde, Marcus Ltd.	Dodds	23	L. S. 11..	14	18	4 Domestic	1909	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
224	Henderson, Samuel	Brunetta	9	29	16	21	4 Domestic	1910	1915	.....
254	Heighes, George	Lethbridge	3	27	10	21	4 Domestic	1910	1914	.....
271	Hollander, Carl E.	Milk River	5	L. S. 5	26	2	4 Domestic	1911	.....	.....
272	Hutchinson, John S.	Bow Island	7	S. E. 1/4	15	9	4 Domestic	1911	1915	.....
274	Halkirk Collieries Ltd.	Halkirk	18	N. E. 1/4	30	38	4 Domestic	1911	1913	.....
325	Hallett, Thomas	Castor	18	L. S. 8	4	38	4 Domestic	1911	1914	1915
329	Heaney, John	Castor	18	N. E. 1/4	4	38	4 Domestic	1911	.....	.....
335	Hutchison, W. E.	Drumheller	13	L. S. 13	6	29	4 Domestic	1912	1915	.....
345	Consolidated with No. 732	Bow Island	7	L. S. 9	21	30	4 Domestic	1912	1918	.....
354	Hill & Caravagio	Delia	17	L. S. 9	21	30	4 Domestic	1912	1918	1918
366	Holmes, Joseph	Grassy Lake	7	South of Grassy Lake	33	23	4 Domestic	1912	1913	.....
373	Hedrich, William	Trochu	19	S. E. 1/4	20	33	4 Domestic	1912	1913	.....
380	Halliday, George W.	Delia	17	S. E. 1/4	28	30	4 Domestic	1913	1918	.....
417	Hallett, Thomas	Castor	18	N. E. 1/4	26	37	4 Domestic	1913	.....	.....
426	Halbert, William	Trochu	19	N. E. 1/4	12	33	4 Domestic	1914	1918	.....
427	Hronek, Benjamin	Halkirk	18	L. S. 7	18	39	4 Domestic	1914	.....	.....
437	Hudson, W. H.	Queenstown	9	L. S. 7	23	18	4 Domestic	1914	1915	.....
472	Hildahl, Edwin	Morrin	14	L. S. 7	28	31	4 Domestic	1915	1917	.....
477	Halliday, George W.	Delia	17	L. S. 3	28	30	4 Domestic	1915	.....	.....
638	Harrison, Stephen	Lethbridge	3	S. W. 1/4	35	8	4 Domestic	1916	1916	.....
316	Hamilton, Joseph J.	Cardston	5	N. 1/2	26	2	4 Domestic	1911	1913	1920
646	Hunter & Bradshaw	Garden Plain	17	L. S. 16	36	33	4 Domestic	1917	1917	1920
674	Hannah G. G.	Lethbridge	3	L. S. 4	16	10	4 Domestic	1916	1918	.....
694	Hodgson, Joseph	Rowley	14	L. S. 13	12	32	4 Domestic	1917	.....	.....
697	Hamilton Coal Co. Ltd	Wayne	13	L. S. 7	18	28	4 Domestic	1917	.....	.....
709	Halbert, David	Sheerness	19	L. S. 5	17	29	4 Domestic	1917	1918	.....
730	Hetherington, Frederick	Cardmanay	9	L. S. 13	30	14	4 Domestic	1918	1918	.....
754	Hamilton, W. L.	Pincher Creek	2	L. S. 9	27	6	5 Domestic	1918	1920	.....
767	Consolidated with No. 749	Carbon	21	L. S. 11	15	29	4 Domestic	1918	.....	.....
776	Hy-Grade Coal Co. of Drumheller Ltd	Drumheller	13	L. S. 4	11	29	4 Domestic	1918	.....	.....
791	Haywood & Airy	Gadsby	18	S. E. 1/4	7	40	4 Domestic	1918	.....	.....
815	Hatton, R.	Rosebud Creek	13	L. S. 12	33	27	4 Domestic	1919	.....	.....

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
821	Hamilton, John. K.	Lethbridge	3	L. S.	10.	36	8	22	1919	1919
825	Haines, A. E.	Medicine Hat	8	N. W.	¼	28	12	7	1919	1919
823	Harlech Coal Company	Nordeggs	15	10	41	14	23	23	1919	1919
859	Halbert, David	Trochu	19	23	33	23	4	Domestic	1920	1920
871	Hamilton, J. F.	Lethbridge	3	L. S.	14.	36	8	22	1920	1920
876	Heape, J. P.	Donalda	22	N. E.	¼	28	41	17	1920	1920
30	Hallvarson, P. W.	Black Diamond	10	L. S.	11.	8	20	2	1899	1918
88	International Coal & Coke Co. Ltd.	Coleman	1	N. ½	.....	4	10	17	1903	1920
111	Irvine, Thomas	Elcan	6	S. E.	¼	4	10	17	1906	1910
114	Independent Coal Co. Ltd. The	Elcan	6	S. E.	¼	4	10	17	1906	1913
115	International Construction & Mining Co. Ltd. The	Carbon	21	L. S.	13.	12	29	23	1906	1906
138	International Land Dev. Co.	Winnifred	7	19	10	9	10	17	1907	1907
159	Imperial Coal Co.	Taber	6	5	10	17	4	Domestic	1907	1910
748	Ivey, John	Drumheller	13	S. ½	.....	6	28	20	1918	1918
856	Ives, Henry	Carbon	21	L. S.	13.	11	29	23	1920	1920
242	Johnson, John S.	Heatherbrae	22	S. W.	¼	15	44	19	1920	1920
269	James, C. K.	Halkirk	18	N. W.	¼	18	39	15	1911	1916
280	Jasper Park Collieries Ltd	Pocahontas	31	L. S.	9	6	49	27	1911	1913
312	James, C. K.	Gadsby	18	S. E.	¼	28	39	16	1911	1913
371	Jacobson, John	Bow Island	7	L. S.	8	21	12	10	1912	1913
407	Jaynes, Robert	Milk River	5	N. E.	¼	29	2	15	1913	1915
444	Jackson, Anthony	Twining	20	L. S.	11.	14	31	24	1914	1915
462	Jeffrey, James	Maycroft	2	N. W.	¼	32	10	2	1914	1915
470	Joberg, A. F.	Delia	17	E. ½	.....	21	30	17	1915	1915
482	Consolidated with No. 470	Pendant d'Oreille	5	L. S.	5	22	2	7	1915	1919
642	Jennings, Peter B.	Wayne	13	S. E.	¼	7	28	19	1916	1919
643	Jewel Collieries Ltd	Donalda	22	L. S.	9	32	41	18	1916	1920
679	Jackson, James & Fry	Pocahontas	31	L. S.	9	12	49	28	1917	1920
683	Jasper Park Collieries Ltd	Grassy Lake	7	L. S.	1	27	9	13	1917	1917
686	Jackson, Alfred	Grassy Lake	7	L. S.	15.	23	9	13	1917	1917

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	R.		Open- ing	Aban- don- ment	
746	Jones, Samuel A.	Drumheller	13	L. S.	16	30	29	19	1918	1918
750	Jones, Peter	Commerce	3	L. S.	13	27	10	21	1918	1918
809	Jones, William	Bullocksville	19	L. S.	6	33	38	23	1919	1919
841	Johnson, Chris.	Carbon	22	N. E.	1/4	9	22	29	1920	1920
447	James Bros.	Forestburg	21	N. W.	1/4	28	40	15	1914	1919
853	Jackson, James	Donalda	22	L. S.	14	32	41	18	1920	1920
860	Johnston, Frank G.	Medicine Hat	8	L. S.	10	28	12	10	1920	1920
53	Knee Hill Coal Co. Ltd.	Carbon	21	S. W.	1/4	14	29	23	1898	1902
69	Keith & Fulton	Clover Bar	25	L. S.	16	7	53	23	1902	1905
103	Knowlton, G. H.	Carstairs	11	L. S.	14	19	29	5	1905	1913
120	Kummer, William	Longview	10	S. W.	1/4	8	18	2	1906	1906
125	Ketchum Coal Co.	Edmonton	25	N. W.	1/4	7	53	23	1906	1910
194	Knee Hill Coal Co. Ltd.	Three Hills	21	N. W.	1/4	4	31	22	1909	1915
219	Knowlton, G. H.	Bituma	11	L. S.	13	10	29	5	1910	1914
277	Kippen, Duncan	Kipperville	5	L. S.	8	35	2	12	1911	1914
315	Kusler, C. L.	Trochu	19	S. E.	1/4	14	33	23	1912	1916
333	Kovaice, Frank	Granlea	7	S. W.	1/4	9	8	8	1912	1916
375	Kane, T. A.	Garden Plain	17	L. S.	7	1	34	14	1912	1916
399	Koffler, Mike	Prosby	7	S. W.	1/4	13	7	9	1913	1915
423	Kalin, John	Trochu	19	L. S.	15	22	33	23	1914	1917
440	Kaye, Herschel	Maycroft	2	N. E.	1/4	11	10	2	1914	1916
480	Klump, Dan	Delia	17	L. S.	6	23	30	17	1915	1915
397	Kelly Coal Co. Ltd.	Namao	27	S. E.	1/4	8	55	24	1913	1913
484	Krozier, John	Hutton	16	N. E.	1/4	7	23	14	1915	1918
633	Kent, Johnson & Whitford	Bon-Accord	28	N. E.	1/4	17	56	23	1916	1918
635	Kurp, Theo.	Delburne	19	L. S.	4	7	38	24	1916	1919
790	Kurp, B. C.	Delburne	19	L. S.	4	10	38	24	1918	1919
828	King, John J.	Ferry Point	22	L. S.	6	32	43	18	1919	1919
839	Keats, J. W.	Standard	16	S. E.	1/4	29	24	22	1919	1919
840	Kerrison, Thomas W.	Eyremore	16	S. W.	1/4	15	17	17	1919	1919
857	Kristensen, Henry	Standard	16	L. S.	9	11	25	22	1920	1920
126	Leitch Collieries Ltd.	Passburg	1	L. S.	9	14	7	3	1906	1915

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date	
				S.	T.	R.		Open- ing	Aban- don- ment
131	Larson, Andrew	Travers	6		4	10	Domestic	1907	1919
185	Long, D. H.	Bow Island	7	L. S. 7	36	11	Domestic	1909	1914
192	Lethbridge, City of	Lethbridge	3	L. S. 9	36	8	Domestic	1909	1909
205	Lindqvist, A. A.	Bow Island	7	L. S. 5	22	12	Domestic	1909	1913
309	Laarz, F. W.	Fraseron	17	S. E. ¼	21	28	Domestic	1911	1911
319	Lake View Coal Co.	Wabamun	29		29	52	Domestic	1911	1914
324	Lavenne, Jules	Winnifred	7	L. S. 5	22	12	Domestic	1911	1916
400	Lavenne, Jules	Winnifred	7	L. S. 8	21	12	Domestic	1913	1918
419	Lakeside Coals Ltd.	Wabamun	29	L. S. 15	9	53	Domestic	1913	1918
441	Linder, Karl	Halkirk	18	L. S. 15	18	39	Domestic	1914	1918
467	Lancaster & Willan	Camrose	23		29	46	Domestic	1915	1915
601	Eaw, George	Round Hill	23	N. E. ¼	10	48	Domestic	1915	1915
613	Lindqvist and Anderson	Donalda	22	L. S. 7-8	30	41	Domestic	1915	1920
676	Lethbridge Coal Co. Ltd.	Lethbridge	3	L. S. 12	12	9	Domestic	1916	1916
677	Lavenne, Jules	Winnifred	7	L. S. 1	21	12	Domestic	1917	1917
698	Lanark Coal Co.	Elcan	6	L. S. 2	4	10	Domestic	1917	1918
706	Lyon, G. E.	Morley	11	L. S. 3	17	26	5 Bituminous	1917	1919
740	Lindqvist, Victor	Aerial	13	L. S. 11	29	28	Domestic	1918	1918
751	Lavenne, Jules	Winnifred	7	L. S. 2	27	12	Domestic	1918	1918
789	Lindqvist, Victor	Donalda	22	L. S. 8	25	41	Domestic	1918	1918
812	Lasseter, Thos. E.	Delburne	19	L. S. 15	2	38	Domestic	1919	1920
858	Little, Edward	Longview	10	L. S. 1	9	18	Domestic	1920	1920
5	Martin, Robert	Strathcona	26	R. L. 26 Edmonton Settlement			Domestic	1897	1902
12	Martin & King	Strathcona	26	R. L. 26 Edmonton Settlement			Domestic	1897	1904
15	Marsh & Neeb	Strathcona	26	R. L. 18 Edmonton Settlement			Domestic	1897	1902
52	Mays Coal Co.	Edmonton	25	7 53 23			Domestic	1901	1902
60	Martin, E. D.	Strathcona	26	S. L. 25 Edmonton Settlement			Domestic	1902	1904
74	Milner & Shoeman	Edmonton	25	7 53 23			Domestic	1903	1913
100	Martin Brothers	Edmonton S.	26	20 51 1			5 Domestic	1905	1905
124	Marsh, John	Elcan	6	N. ½	4	10	Domestic	1906	1910
140	Marsh, John	Elcan	6	19 9 17			Domestic	1907	1908

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location				Character of Coal	Date of		Re-opening
				S. E. $\frac{1}{4}$	S. T.	R.	W. M.		Open- ing	Aban- don- ment	
158	Marsh Brothers	Elcan	6	S. E. $\frac{1}{4}$	4	10	17	Domestic	1907	1910	....
175	Marsh, John	Taber	6		29	9	17	Domestic	1908	1909	....
180	Mills, Jonathan J.	Grassy Lake	7	L. S. 13	23	9	13	Domestic	1908	....	....
266	Murphy, M. T.	Bow Island	7	S. $\frac{1}{2}$	12	10	4	Domestic	1911	1911	....
282	Mountain Park Coal Co. Ltd.	Mountain Park	33		33	45	23	Bituminous	1911	....	....
292	Morris, John	Pincher Creek	2		16	6	30	Domestic	1911	1913	....
299	Medloski, Joe	Rosebud Creek	13	S. W. $\frac{1}{4}$	29	26	21	Domestic	1911	....	....
330	Mikilik, John	Pincher Creek	2		25	5	2	Domestic	1911	1918	1920
331	Mitchell, A. E.	Bow Island	7	S. W. $\frac{1}{4}$	3	10	11	Domestic	1912	1913	....
367	Midland Collieries Ltd.	Midlandvale	13	L. S. 10	9	29	20	Domestic	1912	....	....
395	Molloy, Andrew	Picture Butte	3	L. S. 14	27	10	21	Domestic	1913	....	....
451	Meהלz, Frank	Botha	18	S. E. $\frac{1}{4}$	11	39	16	Domestic	1914	1918	....
466	Moore, Clark	Eyremore	16	S. W. $\frac{1}{4}$	15	17	17	Domestic	1915	1915	....
489	Murray, John	Grassy Lake	7		9	10	13	Domestic	1915	1915	....
497	Morse & Larrair	Hanna	17	L. S. 1	19	29	14	Domestic	1915	....	....
604	March, Adam	Donalda	22	L. S. 15	32	41	18	Domestic	1915	1918	....
615	Martin, Charles F.	Heisler	22	L. S. 1	28	42	17	Domestic	1915	....	....
617	Morland Brothers	Stettler	18		24	37	22	Domestic	1915	1916	....
618	Munsey, M. S.	Foreman	22	L. S. 9	26	40	16	Domestic	1915	....	....
622	Miner, Albert	Bawlf	22	S. W. $\frac{1}{4}$	8	43	17	Domestic	1915	1917	1918
649	Moody, James	Pendant d'Oreille	5	L. S. 16	22	2	7	Domestic	1916	1918	....
668	May, Frank	Beazer	5	L. S. 3	7	2	26	Domestic	1916	1917	....
675	Murray, John N.	Drumheller	13	L. S. 10	28	27	18	Domestic	1916	1918	1920
685	Munton & Brennan	Long Coulee	9	L. S. 4	17	15	21	Domestic	1916	1920	....
699	Marcus Collieries Ltd.	Edmonton	25	L. S. 15	8	53	23	Domestic	1917	....	....
719	Mitchinson, J.	Donalda	22	L. S. 1	5	42	18	Domestic	1917	....	....
727	Marx, G. W. D.	Huxley	19	L. S. 15	24	34	22	Domestic	1918	1918	....
734	Miller, Smith & Miller	Aerial	13	L. S. 11	21	28	19	Domestic	1918	1918	....
752	Miller, J. K.	Drumheller	13	L. S. 3	2	28	20	Domestic	1918	1918	....
766	Moonlight Coal Co.	Aerial	3	L. S. 16	16	28	19	Domestic	1918	....	....
779	Mosley, Aaron	Pincher Creek	2	N. W. $\frac{1}{4}$	17	6	30	Domestic	1918	....	....
783	Munro, Alex	Rose Lynn	17	L. S. 13	27	28	13	Domestic	1918	1919	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Re- open- ing
785	Martin, Sebastian	Forestburg	22	L. S. 5	33	40	15	4 Domestic	1918
794	Munro, A. H.	Etzikom	7	L. S. 6	10	7	9	4 Domestic	1918
805	Murphy, Lottie & Lindqvist	Donalda	22	L. S. 8	25	41	18	4 Domestic	1919
826	Miller, W. O.	Del Bonita	5	L. S. 13	28	1	22	4 Domestic	1919
843	Monkman, A.	Lake Saskatoon	34	S. W. 1/4	22	70	7	6 Domestic	1920
85	Mid-West Coll. Ltd.	Drumheller	13	L. S. 7	2	29	20	4 Domestic	1920
702	Mullen J. & Williams W.	Elean	6	L. S. 13	3	10	17	4 Domestic	1917
863	Mitchinson, Joseph	Donalda	22	L. S. 2	5	42	18	4 Domestic	1920
49	McPeak, P. J.	Edmonton	26	112th Ave.	16	18	2	5 Domestic	1905
111	McIntosh, C. G.	High River	10					4 Domestic	1906
149	McDevitt, J. J.	Tofield	24	S. W. 1/4	24	50	10	4 Domestic	1907
204	McGillivray Creek Coal & Coke Co. Ltd.	Coleman	1		17	8	4	5 Bituminous	1909
217	McWilliams, Alex	Lethbridge	3		8	10	22	4 Domestic	1909
222	McFarlane, William	Pincher Creek	2		27	6	2	5 Domestic	1910
246	McCormack, A. D.	Castor	18	L. S. 14	34	37	14	4 Domestic	1910
253	McKinnon, A. D.	Pincher Creek	2		36	5	2	5 Domestic	1910
275	McCormack, A. D.	Castor	18	S. W. 1/4	3	38	14	4 Domestic	1911
279	McKay, Daniel G.	Milk River	5	L. S. 3	1	3	16	4 Domestic	1911
304	McLean, Hugh D.	Castor	18	S. E. 1/4	34	37	14	4 Domestic	1911
334	McAlister, Robert	Suffield	8		29	13	10	4 Domestic	1912
343	McGuire, A. J.	Lethbridge	3	E. 1/2	25	8	22	4 Domestic	1912
398	McCafferty, Thomas	Fertility	17		18	33	13	4 Domestic	1913
405	McIntyre, W. H.	Magrath	4	L. S. 3	24	3	22	4 Domestic	1913
408	McGuire, A. J.	Crow's Nest	1		4-5	8	5	5 Bituminous	1913
411	Consolidated with No. 275	Castor	18					Domestic	1913
455	McPherson, Peter	Fishburn	2	S. E. 1/4	3	4	28	4 Domestic	1914
468	McFadden & Farnell	Big Valley	14	L. S. 12	36	35	20	4 Domestic	1915
612	McLean, Charles A.	Wildunn	17	L. S. 2	6	30	13	4 Domestic	1915
626	McRae, W. A.	Parr	17	L. S. 1	6	29	14	4 Domestic	1915
644	McAlpine, A. H.	Kippenville	5	L. S. 6	1	3	12	4 Domestic	1916
664	McTaggart & Morton	Erskine	18	N. E. 1/4	33	38	22	4 Domestic	1916

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
714	McDonald, William	Champion	9	L. S. 4	9	15	4 Domestic	1917	1917
773	McGuire Collieries Ltd.	Edmonton	26	R. L. 2, 121st St.			4 Domestic	1918	1919
844	McGuckie, Thomas M.	Wayne	13	N. E. ¼	4	28	4 Domestic	1920	1920
846	McLeod River Hard Coal Co.	Coalspur	32	L. S. 5	25	48	5 Bituminous	1920	1920
874	McLean, J. R.	Forestburg	22	L. S. 6	2	41	4 Domestic	1920	1920
57	Nash, Thomas	Pincher Creek	2	S. ½	34	5	4 Domestic	1902	1913
141	Namao Coal Co.	Namao	27	W. ½	3	55	4 Domestic	1907	1909
174	North American Collieries Ltd.	Coalhurst	3	L. S. 2	21	9	4 Domestic	1908	1908
199	North American Collieries Ltd.	Edmonton	2		9	6	5 Domestic	1909	1915
203	New Barnes Coal Mine Co.	Lethbridge	3	L. S. 9	31	9	4 Domestic	1909	1909
227	North American Collieries Ltd.	Evansburg	30	S. E. ¼	30	53	5 Domestic	1910	1910
233	North American Collieries Ltd.	Lovettville	32		3	47	5 Bituminous	1910	1910
257	Noble, William G.	Hutton	16	L. S. 6	7	23	4 Domestic	1910	1910
267	North American Collieries Ltd.	St. Albert	26	N. W. ¼	28	53	4 Domestic	1911	1916
310	North Alberta Coal Syndicate	Pocahontas	31		29	49	5 Bituminous	1911	1913
317	Newcastle Coal Co. Ltd.	Drumheller	13	S. E. ¼	9	29	4 Domestic	1911	1911
327	Nicol & Bradshaw	Trochu	19	S. W. ¼	5	34	4 Domestic	1911	1913
348	Neisner, John	Munson	13	L. S. 5	23	29	4 Domestic	1912	1916
350	Northern Construction Co.	Winnipeg	15		39	10	5 Bituminous	1912	1914
357	Nash, Thomas	Pincher Creek	2		27	4	4 Domestic	1912	1914
376-	Nelson & Johnson	Trochu	19		30	34	4 Domestic	1913	1914
393	North Kootenay Pass Coal Co.	Frank	1		29	7	5 Bituminous	1913	1913
402	North American Collieries Ltd.	Nacmne	13	Section 7 & 8	29	20	4 Domestic	1913	1913
412	New Era Coal Co. Ltd.	Wabamun	29		14	53	5 Domestic	1913	1915
428	Namao Collieries Ltd.	Namao	27	N. E. ¼	8	55	4 Domestic	1914	1914
658	Noble, Henry	Boundary Creek	5	L. S. 1	15	1	4 Domestic	1916	1916
692	Natrass, D. W.	Orion	5	L. S. 10	18	3	4 Domestic	1917	1918
816	Newcastle Junior Mining Co. Ltd.	Drumheller	13	L. S. 9	3	29	4 Domestic	1919	1919
855	Noble, Henry	Boundary Creek	5	L. S. 11	15	1	4 Domestic	1920	1920
37	Consolidated with No. 772	Medicine Hat	8	L. S. 4	5	13	4 Domestic	1899	1919
91	Ottewell Coal Mine, R. P.	Clover Bar	25	S. W. ¼	17	53	4 Domestic	1904	1904
201	Oliver, L.	Taber	6	L. S. 4-5	18	10	4 Domestic	1909	1909

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
295	Owen, J. H.	Pincher Creek	2	N. W. ¼	10	5	Domestic	1911	....
648	Oliphant-Munson Collieries Ltd.	Basing	32	N. E. ¼	23	48	5 Bituminous	1916	....
670	Olson, Emil	Hanna	17	S. W. ¼	19	29	4 Domestic	1916	1917
769	Oliphant-Munson Collieries Ltd.	Basing	32	L. S. 2	35	47	5 Bituminous	1918	....
772	Oliphant, John	Medicine Hat	8	S. W. ¼	5	13	4 Domestic	1918	....
814	Oliver, Lewis	Foremost	7	L. S. 3	28	6	4 Domestic	1919	1919
818	Ogilvie & Large	Twining	20	L. S. 2	11	31	4 Domestic	1919	1919
139	Patterson, Thomas	Elcan	6	S. E. ¼	26	9	4 Domestic	1907	....
145	Pincher Creek Coal Mining Co. Ltd.	Pincher Creek	2	17	6	30	4 Domestic	1907	1913
197	Consolidated with No. 226	Eyremore	16	9	17	17	4 Domestic	1909	....
210	Premier Coal & Coke Co. Ltd.	Frank	1		5	4	5 Bituminous	1914	....
261	Paulson, P. A.	Coleman	1		7	4	5 Bituminous	1910	....
318	Poxon, John	Carbon	21	L. S. 9	29	30	4 Domestic	1911	1919
369	Petrie, J. H.	Strathecona	26	28	51	25	4 Domestic	1912	1913
392	Peace River Collieries Ltd.	Peace River	31	1	60	14	5 Bituminous	1913	1913
394	Palmer Coal Co.	Burnis	1	25 miles S. W.	Burnis		Bituminous	1913	1913
411	Pyrar, Samuel	Magrath	4		8	21	4 Domestic	1913	1914
413	Page & Dayton	Raymond	4	N. W. ¼	29	4	4 Domestic	1913	1915
414	Popik, Dan	Berford	26	4	48	27	4 Domestic	1913	1914
439	Premier Coal Co. Ltd.	Drumheller	13	L. S. 3	10	29	4 Domestic	1914	....
448	Perini, Louis	Bow Island	7	L. S. 7	36	11	4 Domestic	1914	....
607	Pleming & Regal	Donalda	22	L. S. 8	30	41	4 Domestic	1915	1916
621	Pattison, Chas. H.	Carbon	21	11	29	23	4 Domestic	1915	1916
650	Peruzzo, Ermino	Beazer	5	L. S. 16	6	2	4 Domestic	1916	....
662	Pickering, William H.	Donalda	22	L. S. 5	29	41	4 Domestic	1916	1917
681	Parge, Charles H.	Twining	20	N. E. ¼	1	31	4 Domestic	1917	1917
710	Peters & Kinchin	Trochu	19	L. S. 16	14	33	4 Domestic	1917	....
723	Pattison, Robert	Verdant Valley	13	L. S. 13	35	28	4 Domestic	1917	....
742	Pederson, Lauertz	Donalda	22	L. S. 13	16	42	4 Domestic	1918	1919
763	Phoenix Coal Co.	Aerial	13	S. E. ¼	15	28	4 Domestic	1918	....
759	Patterson, A. C.	Commerce	3	L. S. 2	17	10	4 Domestic	1918	....
803	Pacey, John C.	Manyberries	5	L. S. 7	24	7	4 Domestic	1919	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Aban- don- ment
811	Faliscade Coal Co. Ltd. The	Three Hills	20	W. ½	36	31	24	1919	1919
849	Pettit, J. L.	Halcourt	34	21	70	10	6	1920	1920
854	Pacific Colliery Co.	Lovettville	32	S. W. ¼	10	47	19	1920	1920
18	Ramsay & George	Edmonton	26	R. L. 23	Edmonton	Settlement	Domestic	1897	1907
39	Reliance Coal Mining Co.	Taber	6	3	9	16	4	1905	1909
51	Ransome, M. E.	Edmonton	25	R. L. 42	Edmonton	Settlement	Domestic	1901	1906
56	Rollingson, John	Magrath	4	L. S. 2	7	7	21	1909	1909
75	Rech, Charles	Namoo	27	L. S. 4	16	55	24	1903	1917
82	Regal Collieries Ltd.	Taber	6	8	10	16	4	1907	1916
92	Royal Collieries Ltd.	Royal View	3	S. E. ¼	31	9	21	1904	1913
128	Rosedale Coal Co.	Edmonton	26	R. L. 28	Edmonton	Settlement	Domestic	1907	1909
136	Rhodes, George	Long Coulee	9	L. S. 7	8	15	22	1907	1907
154	Raisbeck, Luke	Grassy Lake	7	S. ½	9	10	13	1907	1911
156	Rupert's Land Coal Co.	Oliver	25	11	54	24	4	1907	1908
161	Reece, William	Magrath	4	2	7	22	4	1907	1914
162	Reece, William	Magrath	4	S. W. ¼	1	7	22	1907	1920
165	Redcliff Brick & Coal Co. Ltd.	Redcliff	8	L. S. 14	5	13	6	1908	1919
169	Russell, John	Mitford	11	L. S. 14	3	10	17	1908	1915
170	Rock Springs Coal & Brick Co. Ltd.	Taber	6	L. S. 14	3	10	17	1908	1915
172	Reynolds, H.	Elcan	6	27	53	23	4	1908	1909
182	Raymond Coal Co.	Edmonton	25	N. W. ¼	8	39	15	1909	1908
212	Ruscoe, Richard	Halkirk	18	L. S. 8	19	10	16	1910	1909
228	Regal Collieries Ltd.	Taber	6	S. E. ¼	30	48	18	1910	1908
250	Round Hill Collieries Ltd.	Round Hill	23	L. S. 13	30	29	5	1911	1910
281	Russell, J.	Crenona	11	L. S. 13	30	29	5	1911	1919
301	Robinson, U. G.	Big Valley	14	Near Big Valley				1911	1919
320	Rider Bros.	Gadshy	18	N. W. ¼	31	40	15	1911	1914
332	Ross Clay Products Co. Ltd.	Redcliff	8	N. W. ¼	9	13	6	1912	1913
344	Raber, Elsworth	Winnifred	7	L. S. 13	22	12	10	1912	1914
346	Rosedale Coal Co. Ltd.	Rosedale	13	L. S. 14	28	28	19	1912	1914
347	Rose-Deer Coal Mining Co. Ltd.	Wayne	13	L. S. 13	7	28	19	1912	1912

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		
				S.	T.	R.		W. M.	Open- ing	Aban- don- ment	Re- open- ing
353	Roberts, William	Foremost	7	36	6	12	4 Domestic	1912	1916	....
363	Rathburn, L. F.	Longview	10	8	18	2	5 Domestic	1912	1913	....
379	Redcliff Pressed Brick Co. Ltd.	Redcliff	8	L. S. 5	9	13	5 Domestic	1913	1914	1916
431	Rambo, M. C.	Edson	30	N. W. 1/4	2	53	5 Domestic	1914	1914	....
446	Ruffell, Alfred	Lethbridge	3	S. E. 1/4	31	9	21	4 Domestic	1914	....
450	Robinson, William	Forestburg	22	L. S. 1-8	32	40	15	4 Domestic	1914	....
469	Ross, R. A.	Scollard	14	L. S. 9	34	34	21	4 Domestic	1915	....
479	Royal, Edward	Craigmyle	17	S. E. 1/4	12	31	17	4 Domestic	1915	....
493	Consolidated with No. 325	Castor	18	4	38	14	4 Domestic	1915	1915	....
606	Riley, John W.	Lundbreck	2	N. W. 1/4	26	7	2	5 Domestic	1915	1917
608	Richmond, Andrew	Erskine	18	L. S. 15	10	38	22	4 Domestic	1915	1916
653	Ray, George Alex	Halcourt	34	S. E. 1/4	25	70	11	6 Domestic	1916	1917
671	Reed, Archer M.	Ghost Pine Creek	21	S. W. 1/4	28	30	22	4 Domestic	1916	1917
691	Raisbeck, Luke	Grassy Lake	7	S. E. 1/4	9	10	13	4 Domestic	1915	1917
718	Ratausk, Fred	Eagle Butte	8	L. S. 15	28	8	4	4 Domestic	1917	....
720	Rudolph Brothers	Edmonton S.	26	L. S. 13	5	51	25	4 Domestic	1917	....
738	Rollingson, G. W.	Lethbridge	3	L. S. 7	11	8	22	4 Domestic	1918	....
743	Rawlusk, Pete	Beynon	13	L. S. 1	30	27	20	4 Domestic	1918	1918
765	Redcliff Brick & Coal Co. Ltd.	Redcliff	8	L. S. 14	5	13	6	4 Domestic	1918	....
808	Rosebank Coal Co.	Alix	19	L. S. 10	33	38	23	4 Domestic	1919	....
810	Russel, Sandquist & Blair	Alix	19	12	38	24	4	4 Domestic	1919	....
827	Rollingson, John	Magrath	4	L. S. 1	7	7	21	4 Domestic	1919	1920
831	Rosebank Coal Co.	Alix	19	L. S. 15	35	38	23	4 Domestic	1919	1920
835	Rowland, A. E.	Delburne	19	S. E. 1/4	10	38	24	4 Domestic	1919	....
869	Reed & Brown	Edmonton	26	R. L. 26	Edmonton	24	4	4 Domestic	1919	....
		Settlement							1920	....
28	Stewart & Campbell	Namoo	27	N. E. 1/4	8	55	24	4 Domestic	1897	1913
29	Sztyk, Mike	Ellerslee	26	L. S. 11	25	51	25	4 Domestic	1897	....
47	Strathcona Coal Co.	Edmonton S.	26	R. L. 9	Edmonton	Settlement	4	4 Domestic	1905	1911
61	Scott, Fred	Medicine Hat	8	S. E. 1/4	6	13	6	4 Domestic	1906	1911
101	Sturgeon Valley Coal Co. Ltd.	Namoo	27	N. W. 1/4	9	55	24	4 Domestic	1905	....
110	Sutherland, Murdoch	Namoo	27	4	55	24	4	4 Domestic	1906	1911

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location				Character of Coal	Date of	
				L. S.	S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
135	Smith, T. Edwin	Carmangay	9	L. S. 2	36	14	21	4 Domestic	1906	1917
144	Scott & Maclane	Pincher Creek	2	W. 1/2	20	5	1	5 Domestic	1907	1914
157	Southern Alberta Coal Co. Ltd.	Taber	6	S. E. 1/4	8	10	17	4 Domestic	1907	1911
163	Shirts, James E.	Taber	6	S. E. 1/4	30	10	16	4 Domestic	1908	1911
183	Consolidated with No. 244	Camrose	23					Domestic	1909	1913
195	Standard Lethbridge Collieries Ltd.	Lethbridge	3	S. E. 1/4	28	9	21	4 Domestic	1909	1911
196	Speers, H.	Namoo	27	N. E. 1/4	8	55	24	4 Domestic	1909	1914
202	Superior Coal Co. Ltd. The	Elcan	6	N. W. 1/4	18	10	16	4 Domestic	1909	1913
238	Simpson, M.	Bow Island	7	N. W. 1/4	36	11	11	4 Domestic	1910	1913
239	Savage, George W.	Winnifred	7	L. S. 10	35	12	10	4 Domestic	1910	1917
241	Spicer Coal Co. Ltd. The	Dinant	23	S. E. 1/4	18	48	19	4 Domestic	1910	.....
244	Stony Creek Collieries Ltd.	Camrose	23	L. S. 1	33	46	20	4 Domestic	1910	.....
255	Straub, F. A.	Alix	19	S. W. 1/4	17	38	23	4 Domestic	1910	1916
258	Sinclair, A. C.	Rose Lynn	17	S. W. 1/4	21	28	14	4 Domestic	1910	1911
262	Sheerness Coal Co.	Sheerness	17	L. S. 2	19	29	12	4 Domestic	1910	.....
263	Security Coal Mines Ltd.	Wabamun	29	N. E. 1/4	14	53	4	5 Domestic	1911	1913
264	Stavely Coal Mining Co.	Long Coulee	9	N. E. 1/4	29	14	21	4 Domestic	1911	1916
265	Simanton, W. H.	Winnifred	7	S. E. 1/4	22	12	10	4 Domestic	1911	1911
268	Strader & Green	Halkirk	18	L. S. 10	18	39	15	4 Domestic	1911	1916
276	Slockett, George	Diamond City	3	L. S. 13	9	10	21	4 Domestic	1911	1918
286	Square Deal Mercantile Co.	Big Valley	14	S. W. 1/4	26	35	20	4 Domestic	1911	1913
307	Sanderson, W. J.	Long Coulee	9	N. W. 1/4	8	15	22	4 Domestic	1911	1913
311	Seale, James	Kimball	5		22	1	25	4 Domestic	1911	1913
355	Stanton, George F.	Munson	13		29	29	20	4 Domestic	1912	1914
368	Steegstra, Thos.	Comrey	5	4&9	2	6		4 Domestic	1912	.....
370	Schmidt, Stephen	Prosby	7	L. S. 16	30	7	8	4 Domestic	1912	1918
388	Saunders Creek Collieries Ltd.	Saunders	15	N. E. 1/4	24	40	13	5 Bituminous	1913	.....
389	Smith, Frank	Namoo	27	L. S. 1	17	55	24	4 Domestic	1913	.....
422	Sterling Coal Co. Ltd.	Drumheller	13	L. S. 5	9	29	29	4 Domestic	1914	.....
461	Smith, T. Edwin	Yetwood	9	L. S. 9	28	15	21	4 Domestic	1914	1917
491	Steen, Herman	Parr	17	L. S. 16	18	29	14	4 Domestic	1915	.....
494	Smithson, Irving	Halkirk	18	L. S. 5	20	37	15	4 Domestic	1915	1916

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location.			Character of Coal	Date of	
				S.	T.	R.		Open- ing	Re- open- ing
498	Stulberg, Gus	Halkirk	18	N. E. ¼	6	37	15	1915	1915
610	Strilazyk, Louis	Round Hill	23	L. S. 8	10	48	18	1915	1918
625	Stulberg, Gus	Meeting Creek	22	L. S. 14	43	30	17	1915	1917
636	Stewart, Robert	Delia	17	S. W. ¼	6	30	20	1916	1916
639	Spencer, Fred	Big Valley	14	L. S. 12	36	35	20	1916	1918
663	Smith, T. Edwin	Long Coulee	9	L. S. 3	17	15	21	1916	1917
666	Simmons, Effner W.	Hastings Coulee	22	N. E. ¼	2	41	16	1916	1917
673	Strader, Lawson	Halkirk	18	N. E. ¼	18	39	15	1916	1916
695	Scranton Coal Co. Ltd.	Drumheller	13	L. S. 5	10	29	20	1917	1917
717	Shaw, Daniel	Castor	18	L. S. 2	34	37	14	1917	1917
737	Sunshine Coal Co. Ltd.	Drumheller	13	L. S. 2	19	28	19	1918	1919
741	Sugars, Jackson & Ring	Edmonton	26	120th Ave. & 130th St.				1918	1920
753	Strickland, Thomas	Edmonton	27	L. S. 14	8	55	24	1918	1918
756	Saunders Alberta Collieries Ltd.	Saunders	15	L. S. 16	23	40	13	1918	1918
762	Stevenson, Archibald & Co.	Reflaw	6	L. S. 14	7	11	16	1918	1918
768	Shannon & Hedberg	Carbon	21	L. S. 1	14	29	23	1918	1918
770	Shamrock Coal Co. Ltd.	Aerial	13	L. S. 10	20	29	19	1918	1918
775	Susnar, Alex	Coalepur	32	S. W. ¼	14	49	21	1918	1918
784	Strong & Porter	Rose-Lynn	17	L. S. 1	34	28	14	1918	1918
795	Shaw & Son, James E.	Ardley	19	L. S. 2	33	38	23	1919	1919
796	Sunbeam Collieries Ltd.	Drumheller	13	L. S. 2-8	7	1	29	1919	1919
798	Stelter, E.	Strathcona	26	L. S. 8	35	50	26	1919	1919
800	Stegstra & Rolson	Comrey	5	L. S. 9	4	2	6	1919	1919
813	Stewart, Robert	Aerial	13	N. W. ¼	11	28	19	1919	1919
824	Sunbeam Collieries Ltd.	Ardley	19	E. ½	20	38	23	1919	1919
832	Solomon Creek Coal Co.	Brule	31	S. E. ¼	31	50	27	1919	1919
845	Scorgie, William	Halcourt	34	S. E. ¼	21	70	10	1920	1920
847	Scranton Coal Co. Ltd.	Taber	13	T. L. 26	19	28	19	1920	1920
878	Sharkey, H.	Bittern Lake	18	S. E. ¼	2	46	21	1920	1920
872	Sand, D. W.	Edberg	22	N. W. ¼	17	55	24	1920	1920
16	Talbot, Mr.	Namoo	27	S. E. ¼	17	55	24	1904	1908
104	Trusts & Guarantee Co. Ltd.	Lethbridge	3	L. S. 3	6	10	21	1905	1919

LIST OF MINES (Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
112	Three Hills Coal & Dev. Co. Ltd.	Three Hills	20	S. W. ¼	35	31	24	1906	1913	....
113	Trentham, Albert	Three Hills	20	L. S. 16	26	31	24	1906	....	....
150	Consolidated with No. 252	Tofield	24	....	....	....	....	1907	....	....
160	Thorne, John	High River	10	....	....	....	....	1907	....	....
225	Thomas, John	Diamond City	3	L. S. 13	9	10	21	1910	1911	....
249	Terris, Chapen	Heisler	22	L. S. 9	16	42	17	1910	1916	....
252	Tofield Coal Co. Ltd.	Tofield	24	N. ½	26	50	19	1910	....	....
313	Tonge & Groton	Pincher Creek	2	L. S. 1	16	6	30	1911	....	....
322	Trochu Coal Co. The	Trochu	19	S. E. ¼	34	32	23	1911	1913	....
382	Thorpe, George W.	Windy Ridge	7	L. S. 4	16	7	9	1913	1914	....
481	Toth, John	Warner	5	L. S. 4	16	4	16	1915	1918	....
495	Thompson, Ole	Lousana	19	L. S. 16	12	36	22	1915	....	....
496	Treber, L. C.	Craignyle	17	L. S. 7	3	33	16	1915	....	....
616	Tate, John	Ferry Point	22	S. E. ¼	18	43	17	1915	1916	....
637	Trentham, William T.	Three Hills	20	L. S. 15	22	31	24	1916	....	....
652	Taft, John B.	Grande Prairie	34	N. E. ¼	35	70	7	1916	1916	....
731	Tredway Coal Co. D.	Alix	19	L. S. 16	33	38	23	1918	....	....
745	Thomas Joseph D.	Aerial	13	N. W. ¼	18	28	19	1918	1918	....
817	Trentham, H.	Ghost Pine Creek	21	L. S. 2	6	31	21	1919	....	....
711	United Coal Co.	Elcan	6	L. S. 8	4	10	17	1917	....	....
788	Urwin, William	Lethbridge	3	L. S. 1	18	7	21	1918	1918	....
651	Voz, Joseph	Grande Prairie	34	L. S. 14	35	70	7	1916	1918	....
782	Van-Bibbon, R. M.	Beynon	13	L. S. 14	31	27	20	1918	....	....
830	VanderRyse & J. Beekart	Lake Isle	29	L. S. 2	34	53	6	1919	....	....
864	Vimy Coal, Light & Power Co.	Big Valley	14	L. S. 2	34	35	20	1920	....	....
64	West Canadian Collieries Ltd.	Blairmore	1	N. W. ¼	8	8	3	1902	1913	....
77	Welsh, William	Lundbreck	2	L. S. 10	20	7	3	1903	1913	....
87	West Canadian Collieries Ltd.	Bellevue	1	West of Leduc	....	....	....	1903	1913	....
102	Wilson, John	Leduc	26	L. S. 13	22	31	24	1904	1905	....
116	Watson, George	Three Hills	20	L. S. 13	22	31	24	1906	1915	....
122	Wetaskiwin Coal Co.	Strathcona	26	....	....	....	....	1906	1907	....
142	Watson, George	Three Hills	20	....	....	....	....	1907	1915	....

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of	
				R. L.	S. T.	W. M.		Open- ing	Aban- don- ment
148	Western Coals Ltd.	Edmonton	26	R. L. 31	Edmonton Settlement		Domestic	1907	1915
186	Walwork, James	Bow Island	7	S. W. 1/4	36	11	4 Domestic	1909	1912
193	West Canadian Coll. Ltd.	Blairmore	1	L. S. 2	35	7	5 Bituminous	1909	1918
198	Watkins, W. E.	Champion	9	L. S. 13	4	16	4 Domestic	1909	1918
243	Washkoski, Michael S.	Castor	18	S. E. 1/4	26	37	4 Domestic	1910	1916
291	Wagner, Joseph	Gadsby	18	S. W. 1/4	28	39	4 Domestic	1911	1916
303	Watson, George	Three Hills	20	L. S. 11	22	31	4 Domestic	1911	1920
308	Wukusich, Louis	Groton	5	L. S. 7	10	3	4 Domestic	1911	1919
314	Walsh, W. R.	Ardley	19	S. E. 1/4	29	38	4 Domestic	1911	1919
321	Warneboldt, J.	Sheerness	17	L. S. 7-8	19	29	4 Domestic	1911	1918
361	Woolings, Joseph	Priddis	10	N. W. 1/4	7	22	5 Domestic	1912	1918
396	West Canadian Collieries Ltd.	Blairmore	1	L. S. 10	2	8	5 Bituminous	1913	1918
409	Welsh, Benjamin	Magrath	4	L. S. 4	17	7	4 Domestic	1913	1918
430	Weaver, Hugh	Edberg	22		18	44	4 Domestic	1914	1915
442	Willisroft, W. & G.	Namoo	27	S. E. 1/4	3	55	4 Domestic	1914	1915
445	Wilson, C. S.	Twining	20	L. S. 6	14	31	4 Domestic	1914	1915
471	Wooden, Clyde M.	Rumsey	14	L. S. 15	18	34	4 Domestic	1915	1915
490	Wright Bros.	Garden Plain	17	N. E. 1/4	18	33	4 Domestic	1915	1916
624	Williams, C.	Priddis	10		4	22	5 Domestic	1915	1916
630	Consolidated with No. 243	Castor							
640	Western Commercial Co. Ltd.	Wayne	13	S. E. 1/4	7	28	4 Domestic	1916	1917
654	Waldo, Walter H.	Halcourt	34	L. S. 14	24	70	6 Domestic	1916	1917
678	Western Gem Mining Co. Ltd.	Drumheller	13	L. S. 13	10	29	4 Domestic	1917	1917
682	Wedman, Gottlieb	Strathcona	26	L. S. 4	6	51	4 Domestic	1917	1918
705	Wright, George	Garden Plain	17	L. S. 10	18	33	4 Domestic	1917	1919
721	Worthington & Cunningham	Edmonton S.	26	L. S. 10	29	51	4 Domestic	1917	1918
787	Walsh, W. R.	Ardley	19	L. S. 12	21	38	4 Domestic	1918	1918
793	Wisla, Albert	Heisler	22	S. E. 1/4	3	43	4 Domestic	1918	1919
822	Willis, Walter	Champion	9	L. S. 4	24	16	4 Domestic	1919	1919
834	Wilson, Frank L.	Rosalind	22	L. S. 14	4	37	4 Domestic	1919	1919
838	Whittlesea, Fred	Suffield	3	L. S. 3	36	8	4 Domestic	1919	1919
862	Wright, James	Garden Plain	17	S. E. 1/4	6	34	4 Domestic	1920	1920

LIST OF MINES (Continued)

Mine No.	Operator	Address	Dis- trict No.	Location			Character of Coal	Date of		
				S.	T.	R.		Open- ing	Aban- don- ment	Re- open- ing
870	Winter, Jens P.	Donalda	22	S. W. ¼	13	43	18	1920	....	....
778	Wilkinson, J. E.	Ferry Point	22	13	43	18	4	1918	....	....
179	Yates, R. H. & D.	Milk River	5	L. S. 13	31	3	4	1908	....	....
220	Yellowhead Coal Co.	Coalspur	32	6	49	21	5	1910	1915	1916
328	Yard Bros. Coal Co.	Huxley	19	S. W. ¼	13	34	22	1911	....	....
337	Yard, George C.	Trochu	19	S. W. ¼	10	34	22	1911	1916	....
661	Yard Bros. Coal Co.	Huxley	19	L. S. 4	10	34	22	1916	1918	....
383	Consolidated with No. 403	Munson	13	L. S. 7	22	29	20	1913	....	....
403	Zarth & Embury	Munson	13	L. S. 7	22	29	20	1913	1916	....

The following table gives the names and numbers of the districts, along with the name and address of the District Inspector of Mines in charge of each.

No. of District	Name of District	Name and address of District Inspector of Mines
1 2	Crow's Nest Pass Pincher Creek	James Crowder, - Blairmore, Alberta Telephone No. 70.
3 4 5 6 7 8 9 10 16	Lethbridge Magrath Milk River Taber Bow Island Medicine Hat Aldersyde High River Brooks	Moses Johnson Lethbridge, Alberta Telephone No. 325
13 14	Drumheller Big Valley	Duncan McDonald, Calgary, Alberta, Telephone No. M-2140.
17 19 12 20 21 11 15	Hanna Trochu Banff Three Hills Carbon Canmore Brazeau	D. Shanks, Calgary, Alberta Telephone No. M-2140.
18 22 23 24 25 26 27 28 29 30 31 32 33 34	Lacombe Battle River Camrose Tofield Clover Bar Edmonton Nanaimo Cardiff Wabamun Pembina Jasper Park Yellowhead Pass Mountain Park Peace River	Wm. Shaw, Edmonton, Alberta Telephone No. 1089.

In addition to the above, Mr. James A. Richards, 11009 89th Avenue, Edmonton, is acting in the capacity of General District Inspector of Mines, Telephone No. 3662.

BOARD OF EXAMINERS

The constitution of the board during 1920 was as follows:

As representing:

(a) The Mine Inspectorate:

John T. Stirling, Chief Inspector of Mines.

(b) Managers:

Messrs. Robert Livingstone and Francis Aspinall.

(c) Miners:

Messrs. Evan Morgan and Alexander McLeod.

Secretary:

James A. Richards.

Examinations were held during the year as follows:

For first and second class certificates on May 12, 13, and 14 at Blairmore, Lethbridge, Calgary, Edmonton, Nordegg, and Mountain Park.

For Third Class Certificates at Pocahontas on February 12, at Edmonton April 8, at Evansburg April 9, at Lethbridge on April 7 and 8 and May 3, at Taber April 6, at Blairmore April 8 and 9, at Coalspur April 12, at Calgary April 6 and 7 and September 11, at Drumheller April 8, at Canmore April 12, at Mountain Park April 14, at Nordegg April 14 and November 16.

For Mine Surveyors' Certificates on May 15 at Edmonton, Calgary, Lethbridge, Blairmore and Nordegg.

Thirty candidates presented themselves for First Class Certificates, three of whom were successful; thirty-eight candidates presented themselves for examination for Second Class Certificates, twenty-one of whom were successful; eighty-seven candidates presented themselves for examination for Third Class Certificates, of whom eighty were successful; and twelve candidates applied for examination for Mine Surveyors' Certificates, of whom eight were successful.

During the year there were granted one hundred and ninety-one Provisional Certificates to persons to act as Overmen until they had an opportunity of obtaining final Certificates by examination.

List of names of holders of First Class Certificates issued by the Government of the Province of Alberta during 1920

Name	Address	Cert. No.	Date Issued
Hastings, Andrew Peacock	Bankhead	47	26-7-20
Stevenson, John	Hillcrest	46	26-7-20
Stewart, James Moore, Jr.	Nordegg	48	26-7-20

List of names of Holders of Second Class Certificates issued by the Government of the Province of Alberta during 1920

Name	Address	Cert. No.	Date Issued
Adams, Thomas Henry	Coalhurst	127	26-7-20
Anderson, Peter Blane	Mountain Park	139	26-7-20
Brooks, Burton Thomas ...	Drumheller	129	26-7-20
Brady, John	Edmonton	141	26-7-20
Cole, Joseph John	Bankhead	126	26-7-20
Fraser, James	Rosedale	133	26-7-20
Fyfe, Walter Hill	Wayne	142	26-7-20
Gate, Harry	Coleman	124	26-7-20
Higney, John	Coalhurst	130	26-7-20
Heap, Robert	Coalhurst	137	26-7-20
Holmes, Robert	Coleman	144	26-7-20
Miller, John Robert	Aerial	131	26-7-20
Mackie, John	Bankhead	136	26-7-20
McLean, Michael Dalton ..	Michel, B. C.	122	26-7-20
McCulloch, Alexander	Coleman	143	10-8-20
Peacock, Charles	Lethbridge	138	26-7-20
Reed, Edward	Drumheller	135	26-7-20
Radford, James	Bellevue	140	26-7-20
Scarpino, Francis	Fernie, B. C.	121	23-1-20
Saunt, James	Edmonton	123	26-7-20
Steel, Francis McDonald ..	Pincher Creek	125	26-7-20
Scott, Frederick George ..	Brule	128	26-7-20
Thomas, Isaac (Duplicate No. 131)	Coleman	120	2-1-20
Turner, Leonard	Nordegg	132	26-7-20
Williams, Albert	Beverly	134	26-7-20

List of names of holders of Third Class Certificates issued by the Government of the Province of Alberta during 1920

Name	Address	Cert. No.	Date Issued
Bland, Harry Osborn	Taber	296	3-2-20
Briggs, Charles	Canmore	302	26-7-20
Babino, Arthur	Bankhead	312	26-7-20
Barclay, Robert Wallace ...	Drumheller	313	26-7-20
Beveridge, Archibald	Coleman	314	26-7-20
Brown, William Henry	Eldon Siding	341	26-7-20
Bainbridge, George Emerson	Nordegg	343	26-7-20
Bambrough, George	Hillcrest	345	26-7-20
Burcey, Archie	Calgary	352	26-7-20

Name	Address	Cert. No.	Date Issued
Bird, Richard	Nordegg	357	26-7-20
Barringham, Frederick Jos.	Rosedale	362	26-7-20
Clarke, John	Bankhead	301	26-7-20
Congalton, Clem Stewart	Vancouver, B. C.	315	26-7-20
Cameron, Donald	Coalspur	331	26-7-20
Cotterill, John	Rosedale	346	26-7-20
Crawford, George (Dup.)	Bellevue	365	12-11-20
Candlish, William Stewart	Brule Mines	366	12-11-20
Dunlop, Hugh	Coleman	321	26-7-20
Dunn, William P.	Evansburg	347	26-7-20
Dryburgh, William Wright	Nordegg	356	26-7-20
Evans, Gwilym	Blairmore	308	26-7-20
Evans, Charles	Hillcrest	327	26-7-20
Eccleston, John William	Mountain Park	330	26-7-20
Evans, William	Drumheller	360	10-8-20
Flynn, Thomas Edward	Coleman	306	26-7-20
Ford, George Charles	Drumheller	310	26-7-20
Fudge, George Henry	Cardiff	311	26-7-20
Fisher, Harry	Hillcrest	338	26-7-20
Goodwin, George William	Bellevue	320	26-7-20
Gidman, Joseph H.	Taber	348	26-7-20
Gibson, Henry	Edmonton	349	26-7-20
Gilmour, Pete	Midlandvale	363	26-7-20
Herpshaw, Joseph	Pocahontas	300	23-3-20
Huff, Lewis E.	Lethbridge	325	26-7-20
Hunter, Alexander R.	Coalhurst	328	26-7-20
Hutchinson, John Joseph	Lovettville	332	26-7-20
Hawkins, Edward Llewelyn	Nordegg	339	26-7-20
Hunt, Patrick	Drumheller	358	10-8-20
Johnstone, Alexander	Clover Bar	329	26-7-20
James, Thomas	Saunders	340	26-7-20
Kehl, Isadore	Nordegg	359	10-8-20
Lewis, Hanbury	Calgary	364	12-11-20
Miller, James (Duplicate)	Aerial	298	3-3-20
Monkton, William	Rosedale	322	26-7-20
Miller, Joseph, Jr.	Lethbridge	326	26-7-20
Milnes, John	Bellevue	334	26-7-20
Melling, Joseph	Evansburg	335	26-7-20
Maddison, John	Hillcrest	354	26-7-20
McRoberts, Alexander	Taber	297	12-2-20
McKenna, Peter	Pocahontas	299	23-3-20
McGowan, William	Lethbridge	317	26-7-20
Oliver, Benjamin	Magrath	342	26-7-20
Painter, John Albert	Bankhead	361	10-8-20
Roberts, Evan	Wayne	318	26-7-20
Royle, Edward	Hillcrest	323	26-7-20
Robertson, William James	Coalhurst	333	26-7-20
Rappel, Thomas	Rosedale	337	26-7-20
Rhodes, James Bloor	Lundbreck	350	26-7-20
Rappel, Arthur John	Calgary	355	10-8-20
Stewart, James	Lethbridge	305	26-7-20
Smith, Thomas	Coleman	307	26-7-20
Saunt, James	Edmonton	309	26-7-20
Steel, Francis McDonald	Pincher Creek	319	26-7-20
Stratton, Andrew Thomson	Taber	351	26-7-20
Serrie, John	Taber	353	26-7-20
Travis, Joseph	Bankhead	303	26-7-20
Warren, Michael	Canmore	304	26-7-20
Womersley, Alfred	Redcliffe	316	26-7-20
Wright, Samuel P. T.	Coalhurst	336	26-7-20
Yard, George Carr	Huxley	344	26-7-20
Zak, Albert	Commerce	324	26-7-20

List of names of holders of Mine Surveyors' Certificates issued by the Government of the Province of Alberta during 1920.

Name	Address	Cert. No.	Date Issued
Crowder, Harry	Drumheller	152	10-8-20
Donaldson, Christopher S..	Lethbridge	151	26-7-20
Elliott, George Reginald ..	Canmore	150	26-7-20
Morgan, Owen	Blairmore	148	26-7-20
Moore, Henry Douglas	Nordegg	149	26-7-20
Riddell, John G.	Coleman	147	26-7-20
Steel, Francis McDonald ..	Pincher Creek	146	23-3-20

List of Names of Holders of Mine Rescue Certificates issued by the Government of the Province of Alberta during 1920.

Name	Address	Cert. No.	Date Issued
Anderson, John	Calgary	565	4- 3-20
Armstrong, Henry	Coleman	566	4- 3-20
Allder, Reginald C.	Rosedale	677	23- 3-20
Atherton, Edward	Mountain Park	698	21- 5-20
Anderson, Peter B.	Mountain Park	701	21- 5-20
Arbuckle, John	Mountain Park	702	21- 5-20
Ashton, William	Mountain Park	708	22- 6-20
Anderson, John C.	Blairmore	719	22- 6-20
Anderson, George S.	Rosedale	731	24-11-20
Adams, Mike	Rosedale	740	29-11-20
Bainbridge, George E.	Calgary	561	4- 3-20
Burcey, Archie	Calgary	568	4- 3-20
Bosseti, Carlo	Hillcrest	590	4- 3-20
Butter, Ernest	Hillcrest	594	4- 3-20
Barclay, Robert	Drumheller	603	25- 3-20
Brammer, James P.	Drumheller	609	25- 3-20
Bradley, Joseph	Coalhurst	630	25- 3-20
Baxter, Andrew W.	Calgary	640	25- 3-20
Bradley, Thomas	Bellevue	666	25- 3-20
Bird, Richard	Nordegg	670	26- 3-20
Beck, David	Nordegg	672	26- 3-20
Barringham, Frederick ...	Rosedale	678	26- 3-20
Bonhomme, J. Lionel	Wayne	679	26- 3-20
Briggs, Charles	Canmore	680	26- 3-20
Barnes, James	Coleman	687	26- 3-20
Barclay, Robert	Drumheller	695	19- 5-20
Blair, John	Drumheller	705	22- 6-20
Cain, William	Lethbridge	574	4- 3-20
Clelland, William	Hardieville	578	4- 3-20
Crichton, Robert	Hillcrest	596	4- 3-20
Cotterill, John	Calgary	613	25- 3-20
Crossley, John	Coalhurst	625	25- 3-20
Challenger, Edwin J.	Pocahontas	648	25- 3-20
Christie, George	Bellevue	661	25- 3-20
Congdon, Milton H.	Blairmore	665	25- 3-20
Coxon, Thomas	Nacmine	714	22- 6-20
Christie, Robert	Hardieville	715	22- 6-20
Carvill, Andrew	Rosedale	742	29-11-20
Doe, Charles	Commerce	571	4- 3-20
Dudley, John	Hillcrest	582	4- 3-20
Dujay, Patrick	Hillcrest	593	4- 3-20

Name	Address	Cert. No.	Date Issued
Daniels, Isaac	Hillcrest	595	4- 3-20
Dunlop, William	Lethbridge	626	25- 3-20
D'Altroy, Arthur C.	Blairmore	637	25- 3-20
Dryburgh, William W.	Nordegg	673	26- 3-20
Deason, Horace E.	Rosedale	739	24-11-20
Evans, William	Drumheller	608	25- 3-20
Evans, Gwilyn	Blairmore	653	25- 3-20
Eccelston, Richard	Bellevue	659	25- 3-20
Eccelston, John W.	Mountain Park	704	21- 5-20
Evans, Thomas L.	Calgary	726	30- 9-20
Fisher, Harry	Hillcrest	592	4- 3-20
Ford, George C.	Drumheller	607	25- 3-20
Fisher, William	Bellevue	656	25- 3-20
Flynn, Thomas	Coleman	685	26- 3-20
Fishwill, Thomas	Mountain Park	700	21- 5-20
Farrell, Alex	Rosedale	738	24-11-20
Greenwood, James C.	Calgary	554	4- 3-20
Gibson, William	Calgary	562	4- 3-20
Graham, John	Calgary	563	4- 3-20
Grich, Max	Hillcrest	588	4- 3-20
Gorton, James	Hillcrest	597	4- 3-20
Gilmour, Pete	Midlandvale	605	25- 3-20
Gallagher, John F.	Carbon	614	25- 3-20
Gates, William	Hillcrest	639	25- 3-20
Gibson, Joseph C.	Pocahontas	651	25- 3-20
Grenier, Alfred	Blairmore	664	25- 3-20
Goodwin, George W.	Bellevue	681	26- 3-20
Goodwin, Watts	Bellevue	682	26- 3-20
Graham, Robert	Drumheller	694	19- 5-20
Green, Thomas	Drumheller	696	19- 5-20
Garrick, John	Drumheller	716	22- 6-20
Gordon, Alexander	Rosedale	736	24-11-20
Gordon, Charles W.	Rosedale	737	24-11-20
Howcroft, John	Hillcrest	586	4- 3-20
Hale, Thomas	Hillcrest	587	4- 3-20
Hunt, Patrick	Drumheller	606	25- 3-20
Horner, Charles	Calgary	616	25- 3-20
Hatton, Thomas	Coalhurst	622	25- 3-20
Hunter, Alexander	Coalhurst	624	25- 3-20
Heap, Robert	Coalhurst	636	25- 3-20
Herpshaw, Joseph	Pocahontas	645	25- 3-20
Harrigan, Barney	Pocahontas	646	25- 3-20
Hamilton, Thomas M.	Blairmore	652	25- 3-20
Higgins, Benjamin	Bellevue	654	25- 3-20
Hawkins, Edward	Nordegg	671	26- 3-20
Heatherington, John	Wayne	688	26- 3-20
Heatherington, Robert	Wayne	689	26- 3-20
Holden, James O. E.	Drumheller	693	14- 5-20
Hardy, Robert	Drumheller	709	22- 6-20
Harris, L. T.	Rosedale	712	22- 6-20
Inman, William	Pocahontas	644	25- 3-20
James, Thomas	Calgary	567	4- 3-20
Johns, Daniel	Hillcrest	583	4- 3-20
Jepshon, Harry	Bellevue	655	25- 3-20
Jones, Evan D.	Wayne	675	26- 3-20
Jones, William J.	Wayne	676	26- 3-20
Jones, David I.	Wayne	721	8- 9-20
Joshua, Thomas J.	Wayne	723	8- 9-20
Jones, Robert	Rosedale	728	24-11-20
Johnston, B. W.	Rosedale	730	24-11-20
Jones, John T.	Rosedale	732	24-11-20
Keith, S. J.	Coalhurst	667	26- 3-20

Name	Address	Cert. No.	Date Issued
Kehl, Isadore	Nordegg	691	14- 5-20
Kay, Frederick	Nacmine	717	22- 6-20
Love, William	Edmonton	564	4- 3-20
Lindsay, James	Coalhurst	628	25- 3-20
Livett, Robert	Bellevue	683	26- 3-20
Lewis, Hanbury	Calgary	725	30- 9-20
Lusher, Wilfred	Rosedale	733	24-11-20
Lewis, Thomas B.	Rosedale	735	24-11-20
May, William	Calgary	558	4- 3-20
Miller, Joseph Jr.	Lethbridge	575	4- 3-20
Miller, James	Lethbridge	580	4- 3-20
Mansell, George	Hillcrest	584	4- 3-20
Mountford, Thomas	Hillcrest	589	4- 3-20
Mellor, George	Coalhurst	623	25- 3-20
Maddison, John	Hillcrest	657	25- 3-20
Milnes, John	Bellevue	658	25- 3-20
Maguire, James	Bellevue	663	25- 3-20
Marsh, Anthony	Lethbridge	697	19- 5-20
Maddison, William	Mountain Park	699	21- 5-20
Muir, James	Nacmine	713	22- 6-20
Mitchell, Archibald	Wayne	724	8- 9-20
MacKinnon, Ronald W.	Edmonton	559	4- 3-20
McGowan, William	Lethbridge	577	4- 3-20
MacDonald, Alexander	Cadomin	610	25- 3-20
McKinnie, John	Calgary	615	25- 3-20
MacKie, John	Bankhead	617	25- 3-20
McMillen, Daniel A.	Coalhurst	620	25- 3-20
McKenzie, William	Coalhurst	621	25- 3-20
McLeod, Alexander B.	Coalhurst	631	25- 3-20
McLeod, Kenneth	Pocahontas	642	25- 3-20
McKenna, Peter	Pocahontas	643	25- 3-20
McMillan, John	Pocahontas	650	25- 3-20
McLean, Joseph	Bellevue	662	25- 3-20
McCulloch, Johnson	Coleman	686	26- 3-20
McDade, John	Nacmine	690	15- 4-20
McCulloch, James	Drumheller	692	14- 5-20
McDonald, Daniel W.	Rosedale	741	29-11-20
Nikich, John	Calgary	612	25- 3-20
Newman, Frank	Rosedale	711	22- 6-20
Overson, Alfred	Rosedale	734	24-11-20
Peake, Sydney J.	Lethbridge	581	4- 3-20
Pavlich, John	Hillcrest	585	4- 3-20
Patterson, Robert	Blairmore	598	4- 3-20
Price, Thomas	Hillcrest	599	4- 3-20
Pearson, Cecil	Coalhurst	632	25- 3-20
Pugh, A.	Coleman	684	26- 3-20
Price, John	Mountain Park	703	21- 5-20
Prichard, John R. B.	Drumheller	707	22- 6-20
Painter, John A.	Mountain Park	720	30- 6-20
Richards, Charles C.	Calgary	555	4- 3-20
Rappel, Arthur J.	Calgary	570	4- 3-20
Renie, Allen S.	Drumheller	601	25- 3-20
Rosenstiel, James	Drumheller	602	25- 3-20
Robertson, William J.	Coalhurst	627	25- 3-20
Rae, Thomas	Coalhurst	634	25- 3-20
Roberts, Evan	Wayne	669	26- 3-20
Royal, Edward	Craigmyle	727	30- 9-20
Steel, Francis M.	Pincher Creek	557	4- 3-20
Sneddon, Thomas	Calgary	560	4- 3-20
Stratton, Andrew T.	Calgary	569	4- 3-20
Simmonette, Thomas	Lethbridge	576	4- 3-20
Sippel, Joseph C.	Drumheller	604	25- 3-20

Name	Address	Cert. No.	Date Issued
Simmonette, William	Lethbridge	629	25- 3-20
Stella, Urban	Hillcrest	638	25- 3-20
Shanks, David	Calgary	641	25- 3-20
Stene, David	Pocahontas	647	25- 3-20
Smith, Joseph	Wayne	674	26- 3-20
Shaw, James	Wayne	722	8- 9-20
Sandilands, Thomas	Rosedale	729	24-11-20
Travis, Joseph	Bankhead	618	25- 3-20
Thornhill, John E.	Coalhurst	633	25- 3-20
Torneau, Jean	Frank	706	22- 6-20
Tonge, Thomas	Bellevue	718	22- 6-20
Upton, Hiram W.	Drumheller	710	22- 6-20
Vickers, William	Taber	579	4- 3-20
Verdon, Joseph B.	Pocahontas	649	25- 3-20
Watson, Ronald H.	Calgary	556	4- 3-20
Williams, Charles L.	Commerce	573	4- 3-20
White, Harry	Hillcrest	591	4- 3-20
Wilson, William H.	Calgary	611	25- 3-20
Webb, Harry	Bankhead	619	25- 3-20
Wright, Samuel T.	Coalhurst	635	25- 3-20
Walker, Harry	Bellevue	660	25- 3-20
Warran, Micke	Canmore	668	26- 3-20
Zak, Albert	Commerce	572	4- 3-20

OUTSIDE DAY WAGES

The following is the general wage schedule paid at December 31st, 1920:

Occupation	Per Day
Bottom Man	\$7.08
Slate-pickers (Boys)	4.03
Slate-pickers (Men)	6.58
Car-oilers (Men)	6.58
Car-oilers (Boys)	4.40
Tally Boys	4.03
Teamsters	7.08
Blacksmiths	8.14
Blacksmith's Helpers	7.09
Carpenters	8.14
Carpenter's Helpers	7.09
Power House Engineers	\$7.61 to 8.32
Hoisting Engineers	\$7.39 to 8.05
Fan Men	6.58
Incline Engineers	7.61
Tail Rope Engineers	7.88
Endless Rope Engineers	7.50
Box Car Loaders' Engineers	7.61
Tipple Engineers	7.61
Screen Engine Tender	6.76
Locomotive Engineer	7.61
Locomotive Switchman	7.20
Fireman	7.08
Fireman's Helper	6.76
Water Tender	6.71
Railway Car Handler	6.70
Tipple-dumper (Man)	7.08
Tipple-Dumper's Helpers	6.75
Tipple-dumper (Boy)	4.40
Top Cagers	6.75
Car Repairer	7.61
Car Repairer's Helper	7.09
Breaker Engineer	7.61
Lampman	\$6.58 to 8.14
Machinists	\$7.61 to 8.14
Machinist's Helper	7.09
Ashman	6.58
Wiper (Man)	6.58
Coupler (Man)	6.58
Coupler (Boy)	4.40
Breaker Oiler	6.71
Washer or Tipple Oiler	6.71
Breaker Picker Boss	7.08
Timber-framer	7.61
Timber-sawyer	6.75
Box-car Shoveller	7.08
Breaker Platform Boss	7.08
Breaker Platform Men	6.70
Breaker Screen Men	6.58
Rock-bank Men	6.58
Dirt-bank Men	6.58
Fan-fireman	6.85
Stableman	6.58
Finisher after Box Car Loader	6.58
Motor Truck Driver	7.61
All Other Labor Not Classified	6.58

. BEE HIVE COKE OVENS

Steam Locomotive Engineers	\$7.61
Motorman	7.35
Lorryman	6.58

OUTSIDE DAY WAGES (*Continued*)

Occupation	Per Day
Plasterers	\$6.58
Carters and Cleaners	6.58
All other Labor	6.58

BELGIAN COKE OVENS

Ram Engine Men	7.61
Chargers	7.08
Crayers	7.08
Drawers	7.08
Loaders	6.70

BRIQUETTING PLANT

Engineer	7.61
Briquetter	7.74
Tar Melter	6.89
Laborers	6.58
Oiler	7.08

INSIDE DAY WAGES

Shot Lighter	7.50
Bratticemen	7.50
Bratticeman's Helper	6.89
Timberman	7.50
Timberman's Helper	6.89
Tracklayers	7.50
Tracklayer's Helper	6.89
Motorman	7.21
Motorman's Helper	6.89
Locomotive Engineer	7.21
Locomotive Switchman	6.89
Drivers	7.21
Drivers (Spike Team)	7.73
Couplers (Men)	6.89
Couplers (Boys)	4.40
Switch Boys	\$4.03 to 4.40
Door Boys	3.69
Fan Boys	\$3.69 to 4.40
Rope Riders	7.21
Main and Tail Rope Riders	7.50
Pushers	6.89
Buckers	6.89
Loaders	6.89
Miners	7.50
Rock Miners	8.02
Timber Handlers	7.21
Cagers, Slope and Incline	6.80
Cagers, shaft	7.50
Machineman (Air)	8.02
Machineman (Electric)	9.42
Machineman's Helper (Air)	7.50
Machineman's Helper (Electric)	7.62
Pumpmen	6.89
Pumpmen (Galt Mines)	7.39
Hoistmen	\$7.21 to 7.50
Drivers (Boys)	\$4.40 to 5.74
Grippers	6.89
Grippers (Boys)	\$4.40 to 5.74

INSIDE DAY WAGES (*Continued*)

Occupation	Per Day
Pipe Fitter's Helpers	6.89
Pick Carriers	\$4.03 to 5.74
Clutchmen	7.50
Rollermen	6.89
All other labor not classified	6.89

Average wages earned by contract miners vary from \$8.72 to \$10.63 per shift of eight hours.

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